

1949

1949-1950. V85.02. March Bulletin.

Hope College

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Mildred Singleton

PLEASE HANDSTAMP MILDRED

HOPE COLLEGE

BULLETIN



Annual Catalogue

VOLUME EIGHTY-EIGHT

1 9 5 0

NUMBER 2

DIRECTIONS FOR CORRESPONDENCE

**Concerning ADMISSIONS, FEES, SCHOLARSHIPS,
REQUESTS FOR LITERATURE, address Mr. A.
H. Timmer, Director of Admissions.**

**Concerning the WELFARE OF WOMEN STUDENTS
AND WOMEN'S HOUSING, address Miss Emma
Reeverts, Dean of Women.**

**Concerning the WELFARE OF MEN STUDENTS AND
MEN'S HOUSING, address Mr. Milton Hinga,
Dean of Men.**

**Concerning TRANSCRIPTS OF RECORDS, address Mr.
Paul E. Hinkamp, Registrar.**

**Concerning PAYMENT OF FEES OR TRANSACTION OF
BUSINESS IN CONNECTION WITH STUDENT
ACCOUNTS, address Mr. Henry Steffens,
Treasurer. All checks should be made pay-
able to the Treasurer, Hope College.**

HOPE COLLEGE BULLETIN

ANNUAL CATALOGUE

1949 - 1950

ANNOUNCEMENTS FOR THE YEAR

1950 - 1951

VOLUME 88

MARCH, 1950

NUMBER 2

HOLLAND, MICHIGAN

FOREWORD

HOPE COLLEGE is a church-related liberal arts college, founded and maintained by the Reformed Church in America for the higher education of its constituents and of all others who subscribe to its principles and are accepted as students.

Hope College is not colorless in its belief that the Christian religion is central to all true education. It holds that its duty and obligation is to help the Christian Church redeem the world to Christ. It believes with Dr Robert Kelley that "mankind has not yet discovered a more worthy instrument of progress than a thoroughly Christian College." The motto of Hope College, engraved on its seal, is "Spera in Deo" — Hope in God.

As a liberal arts college, Hope College offers a curriculum designed to introduce the student to the whole field of human knowledge and culture, to bring him to the realization of the problems and responsibilities facing him as a Christian world citizen, and to direct him toward the acceptance and performance of his duties in the world today. The curriculum is based on a four-year program leading to the Bachelor of Arts Degree.

With its student enrollment limited to approximately twelve hundred, Hope College seeks to foster close contact and intimacy between students and faculty, and to promote a sense of unity and cooperation in the college community; for it believes that these characteristics are among the distinctive advantages of the smaller liberal arts college. The student body is cosmopolitan rather than local. A large number of students come from New England and Middle Atlantic states, and a smaller number from the far West and from other parts of the United States. A number of foreign students add further to the diversity of environmental background, which serves to enrich the experience of all the students.

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PART I

COLLEGE CALENDAR

BOARD OF TRUSTEES

ADMINISTRATION AND MAINTENANCE

FACULTY

FACULTY COMMITTEES

COLLEGE CALENDAR

1949-1950

1949

September 19-20	First Semester Registration
September 20	"Y" Beach Party
September 21	Annual Convocation—9:00 a.m.
	Classes begin
September 22	W.A.L. Tea for all college women
September 24	Faculty Reception for Freshman and Transfer Students
September 28	Palette and Masque Picnic
September 30	W.A.L. Big Sister Picnic
October 8	Pan Hellenic Round Robin Tea
	All-College Mixer—8:00 p.m.
October 20-23	Palette and Masque Play
October 21-22	Homecoming Weekend
October 28	All Girl Masquerade and Slumber Party
November 2	Burning of the Green—8:00 p.m.
November 10	Hope College Orchestra Concert
November 21	Nykerk Cup Contest
November 23	Thanksgiving Recess Begins—4:00 p.m.
November 28	Thanksgiving Recess Ends—8:00 a.m.
December 9	All College Christmas Party
December 13	Messiah—8:00 p.m.
December 16	Christmas Vacation Begins—12:00 M.

1950

January 3	Christmas Vacation Ends—8:00 a.m.
January 5-7	M.I.A.A. Basketball Tournament
January 18-20	Palette and Masque Play
January 27-28	Second Semester Registration
January 30 —	
February 4	Semester Examinations
February 7	Second Semester Begins
February 17	Penny Carnival
February 20-24	Religious Emphasis Week
March 10	All College Sing—7:30 p.m.
March 15-17	Palette and Masque Play
March 23	Hope College Orchestra Concert
March 31	Spring Vacation Begins—4:00 p.m.
April 11	Spring Vacation Ends—8:00 a.m.
April 20	Hope College Chapel Choir Concert—8:30 p.m.
April 27	Hope College Band Concert—8:15 p.m.

COLLEGE CALENDAR

May 2	Hope College Men's Glee Club Concert— 8:30 p.m.
May 9	Voorhees Day
May 12	May Day
May 17-19	Palette and Masque Play
May 23	Faculty Honors Assembly
May 25	Hope College Orchestra Concert— 8:15 p.m.
May 30	Honors Assembly
June 5-10	Semester Examinations
June 11	Baccalaureate Service—7:30 p.m.
June 13	Alumni Convocation
June 14	Commencement—7:30 p.m.
June 26	Summer Session Begins
August 4	Summer Session Ends

1950-1951

1950

September 18-19	First Semester Registration
September 20	Annual Convocation—9:00 a.m.
September 21	Classes Begin
November 20	Nykerk Cup Contest
November 22	Thanksgiving Recess Begins—4:00 p.m.
November 27	Thanksgiving Recess Ends—8:00 a.m.
December 15	Christmas Recess Begins—12:00 M.

1951

January 3	Christmas Recess Ends—8:00 a.m. (January 2 classes will be held January 6.)
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January 26-27	Second Semester Registration
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January 29 —	
February 3	Semester Examinations
February 5	Second Semester Begins
March 23	Spring Recess Begins—4:00 p.m.
April 3	Spring Recess Ends—8:00 a.m.
May 8	Voorhees Day
June 4-9	Second Semester Examinations
June 10	Baccalaureate Service—7:30 p.m.
June 12	Alumni Convocation—6:30 p.m.
June 13	Commencement—7:30 p.m.

COMPARATIVE CALENDAR

1949

JULY

SMTWTWTFSS

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AUGUST

SMTWTWTFSS

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SEPTEMBER

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OCTOBER

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NOVEMBER

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DECEMBER

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JANUARY

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FEBRUARY

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MARCH

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APRIL

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MAY

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JULY

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AUGUST

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SEPTEMBER

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OCTOBER

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APRIL

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MAY

SMTWTWTFSS

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

JUNE

SMTWTWTFSS

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

THE COLLEGE CORPORATION

THE BOARD OF TRUSTEES

Ex Officio, The President of the College

IRWIN J. LUBBERS, Ph.D., LL.D., Litt.D.

OFFICERS OF THE BOARD

<i>President</i>	JOHN A. DYKSTRA, D.D.
<i>Vice President</i>	JACOB PRINS, D.D.
<i>Secretary</i>	BASTIAN KRUTHOF
<i>Treasurer</i>	HENRY STEFFENS

MEMBERS OF THE BOARD

Term Expires 1950

MRS. J. W. BEARDSLEE	New Brunswick, New Jersey
JOHN BENES	Holland, Michigan
HENRY FIKSE	Chandler, Minnesota
HENRY HUENEMANN, D.D.	Dell Rapids, South Dakota
BASTIAN KRUTHOF	Holland, Michigan
GEORGE MUYSKENS	Baldwin, Michigan
JOHN W. VER MEULEN	Racine, Wisconsin

Term Expires 1951

RAYMOND E. BECKERING	Chicago, Illinois
HARRY J. HAGER, D.D.	Chicago, Illinois
*WILLIAM JANSEN	Chicago, Illinois
ROGER VERSEPUT	Grand Rapids, Michigan
WYNAND WICHERS, LL.D., Litt.D., L.H.D.	Kalamazoo, Michigan

*Deceased

Term Expires 1952

ARTHUR J. BENNINK	Pella, Iowa
HARRY BROWER	Morrison, Illinois
BERNARD D. HIETBRINK	Corsica, North Dakota
MINO KOOI	Fulton, Illinois
JACOB PRINS, D.D.	Grand Rapids, Michigan
WILLIAM O. ROTTSCHAEFER	Grand Rapids, Michigan
JEAN A. VIS	Sheldon, Iowa

Term Expires 1953

RANDALL C. BOSCH	Holland, Michigan
MRS. HAROLD BRINIG	New York, New York
DONALD BRUSH	Herkimer, New York
RUTHERFORD G. HUIZENGA	New York, New York
MATTHEW PEELLEN, M.D.	Kalamazoo, Michigan
MRS. GEORGE PELGRIM	Holland, Michigan
WILLIAM VAN'T HOF	Detroit, Michigan

Term Expires 1954

JACOB BOERMAN	Pekin, Illinois
JOHN N. DYKEMA	Muskegon, Michigan
TITUS W. HAGER	Grand Rapids, Michigan
PETER JOHN KRIEKARD, M.D.	Grand Rapids, Michigan
JOHN SCHOON	Gary, Indiana
BERT VAN MALSEN	Lansing, Illinois

Term Expires 1955

FREDERICK BOSCH	Flushing, New York
JOHN A. DYKSTRA, D.D.	Grand Rapids, Michigan
GERRIT HEEMSTRA	Pompton Lakes, New Jersey
ANTHONY VAN WESTENBERG	Scotia, New York
WILLARD C. WICHERS	Holland, Michigan
HENRY WINTER	Holland, Michigan

COMMITTEES OF THE BOARD

EXECUTIVE COMMITTEE

Irwin J. Lubbers, <i>Chairman</i>	Bastian Kruithof
John A. Dykstra	Mrs. George Pelgrim
Titus W. Hager	Jacob Prins
Peter J. Kriekard, M. D.	Wynand Wichers

FINANCE AND INVESTMENT

Irwin J. Lubbers, <i>Chairman</i>	John W. VerMeulen
Randall C. Bosch	Roger Verseput
John N. Dykema	Henry Winter

BUILDING COMMITTEE

John N. Dykema, <i>Chairman</i>	Matthew Peelen, M. D.
Randall C. Bosch	William O. Rottschaefer
John W. Ver Meulen	

ADMINISTRATION AND MAINTENANCE*

IRWIN JACOB LUBBERS

Ph.D. (Northwestern), LL.D., Litt.D.
PRESIDENT (1923, 1945)

JOHN WILLIAM HOLLENBACH

Ph.D. (Wisconsin)
DEAN OF THE COLLEGE (1945)

MILTON LAGE HINGA

A.M. (Columbia)
DEAN OF MEN (1931)

EMMA MARIE REEVERTS

A.M. (Michigan)
DEAN OF WOMEN (1946)

PAUL EUGENE HINKAMP

B.D. (McCormick)
REGISTRAR (1918)

ALBERT H. TIMMER

A.M. (Michigan)
DIRECTOR OF ADMISSIONS (1923)

MILDRED E. SINGLETON

M.L.S. (Columbia)
LIBRARIAN (1949)

CLYDE HENRY GEERLINGS

A.B. (Hope)
DIRECTOR OF ALUMNI AND PUBLIC RELATIONS (1946)

MARIAN ANDERSON STRYKER

A.B. (Hope)
EDITOR, ALUMNI MAGAZINE AND SECRETARY, ALUMNI
ASSOCIATION (1947)

HENRY J. STEFFENS

A.M. (Northwestern)
TREASURER (1946)

REIN VISSCHER

BUSINESS MANAGER (1946)

*The figures in parentheses indicate the year in which the person began his service at Hope College. A second figure in parentheses indicates the year of beginning the present appointment after interruption in the period of service.

FRANK LIGHTHART

SUPERINTENDENT OF GROUNDS AND BUILDINGS (1947)

WILLIAM JOHN MOERDYKM.D. (Michigan)
COLLEGE PHYSICIAN (1949)**MRS. WILLIAM JOHN MOERDYK**R.N. (Northwestern)
COLLEGE NURSE (1949)**MRS. NELL ALDRICH**

HOUSE DIRECTOR OF BEACH COTTAGE (1944)

MRS. ELIZABETH DEN HERDER

HOUSE DIRECTOR OF VAN VLECK HALL (1946)

MRS. FLORENCE V. FRENCH

HOUSE DIRECTOR OF COLUMBIA HALL (1948)

MRS. BERTHA KRONMEYER

HOUSE DIRECTOR OF VOORHEES HALL (1941)

MRS. ETHEL ROBINSON

HOUSE DIRECTOR OF FAIRBANKS COTTAGE (1947)

MRS. DELLA B. STEININGER

HOUSE DIRECTOR OF WEST HALL (1945)

RUTH VAN WIEREN DYKSTRA

SECRETARY IN OFFICE OF THE DEAN (1946)

PHYLLIS GLENDINNING-WATT ENGELSMAN

SECRETARY TO THE BUSINESS MANAGER (1948)

MAGDELENA HAVERT HAAK

CASHIER (1947)

BARBARA ALDERINK HENDRICKS

SECRETARY TO THE TREASURER (1949)

THELMA MCCORGUODALE MCMILLAN

SECRETARY IN COUNSELING OFFICE (1949)

NANCY DURKIN PFINGSTEL

TELEPHONE OPERATOR (1949)

HELEN SANDER

SECRETARY TO THE PRESIDENT (1947)

INEZ BRANDTS TELLINGHUISEN

SECRETARY IN REGISTRAR'S OFFICE (1948)

DENA WALTERS

SECRETARY TO DIRECTOR OF ADMISSIONS (1945)

FACULTY

IRWIN JACOB LUBBERS

Ph.D. (Northwestern), LL.D., Litt.D.
PRESIDENT (1923, 1945)

EDWARD DANIEL DIMNENT

A.M. (Hope), Litt.D., L.H.D., LL.D.
PRESIDENT EMERITUS (1897, 1948)

EDWARD S. AVISON

A.M. (Northwestern)
ASSOCIATE PROFESSOR OF SPEECH (1946)

NORMA BAUGHMAN

INSTRUCTOR IN VOICE (1947)

SINNIA BILLUPS

Ph.D. (Nebraska)
ASSOCIATE PROFESSOR OF ENGLISH (1949)

MARTHA EATON BLANE

ASSISTANT IN LIBRARY SCIENCE (1948)

LAURA ALICE BOYD

A.M. (Missouri)
PROFESSOR OF GERMAN, HEAD OF THE DEPARTMENT OF GERMAN
LANGUAGE AND LITERATURE (1921)

EDWARD E. BRAND

A.M. (Iowa)
ASSOCIATE PROFESSOR OF ENGLISH (1946)

DONALD F. BROWN

Ph.D. (Illinois)
PROFESSOR OF SPANISH, HEAD OF THE DEPARTMENT OF SPANISH
LANGUAGE AND LITERATURE (1949)

ROBERT WILLIAM CAVANAUGH

Mus.M. (American Conservatory)
ASSOCIATE PROFESSOR OF MUSIC THEORY AND VOICE (1940, 1946)
(On leave 1949-1950)

HARVEY OWEN DAVIS

A.M. (Michigan)
INSTRUCTOR IN MUSIC THEORY AND VOICE (1949)

CLARENCE DE GRAAF

Ed.D. in English (Michigan)
PROFESSOR OF ENGLISH, HEAD OF THE DEPARTMENT OF ENGLISH
LANGUAGE AND LITERATURE (1928)

HENRY P. DE PREE

M.Th. (Princeton Theological Seminary), D.D.
ASSOCIATE PROFESSOR OF RELIGIOUS EDUCATION (1948)

RUSSELL B. DE VETTE

A.M. (Michigan)

INSTRUCTOR IN PHYSICAL EDUCATION (1948)

D. IVAN DYKSTRA

Ph.D. (Yale)

PROFESSOR OF GREEK AND PHILOSOPHY (1947)

ERNEST E. ELLERT

Ph.D. (North Carolina)

ASSOCIATE PROFESSOR OF GERMAN (1947)

JAY ERNEST FOLKERT

A.M. (Michigan)

ASSISTANT PROFESSOR OF MATHEMATICS (1946)

HARRY FRISSEL

M.S. (Iowa State)

ASSOCIATE PROFESSOR OF PHYSICS (1948)

CLYDE H. GEERLINGS

A.B. (Hope)

ASSISTANT IN BUSINESS ADMINISTRATION, DIRECTOR OF ALUMNI
AND PUBLIC RELATIONS (1946)**LARS I. GRANBERG**

A.M. (Chicago)

ASSISTANT PROFESSOR OF PSYCHOLOGY (1947)

DIRK GRINGHUIS

ASSISTANT IN ART (1947)

HAROLD JUDSON HAVERKAMP

A.M. (Iowa)

ASSOCIATE PROFESSOR OF PSYCHOLOGY, DIRECTOR OF COUNSELING
(1946)**ELLA HAWKINSON**

Ph.D. (Minnesota)

PROFESSOR OF HISTORY, ~~ACTING~~ HEAD OF DEPARTMENT OF HISTORY
(1948)**MARIAN D. HIETBRINK**

A.B. (Hope)

ASSISTANT IN LIBRARY SCIENCE (1948)

MILTON LAGE HINGA

A.M. (Columbia)

ASSOCIATE PROFESSOR OF HISTORY, DEAN OF MEN, DIRECTOR OF
ATHLETICS (1931)**JANTINA WILHELMINA HOLLEMAN**

A.M. (Columbia)

ASSISTANT PROFESSOR OF MUSIC THEORY AND PIANO (1946)

JOHN WILLIAM HOLLENBACH

Ph.D. (Wisconsin)

PROFESSOR OF ENGLISH, DEAN OF THE COLLEGE (1945)

MILTON URBAN JOHNSTON

Mus.M. (Indiana)

ASSISTANT PROFESSOR OF MUSIC THEORY AND PIANO (1946)

HELENE PRISMAN KARSTEN

ASSISTANT IN PIANO (1928)

J. HARVEY KLEINHEKSEL

Ph.D. (Illinois)

PROFESSOR OF CHEMISTRY

CLARENCE KLEIS

A.M. (Michigan)

PROFESSOR OF PHYSICS, HEAD OF THE DEPARTMENT OF PHYSICS
(1921)**ALBERT EUGENE LAMPEN**

A.M. (Michigan)

PROFESSOR OF MATHEMATICS, HEAD OF THE DEPARTMENT OF MATH-
EMATICS (1918)**NELLA MEYER**

A.M. (Columbia)

ASSOCIATE PROFESSOR OF FRENCH (1923, 1945)

MAURICE EUGENE OSTERHAVEN

Th.D. (Princeton Theological Seminary)

PROFESSOR OF BIBLE AND RELIGION (1945)

STEPHEN A. PARTINGTON

A.M. (Michigan)

PROFESSOR OF EDUCATION (1948)

ALBERT JAMES PRINS

A.M. (Michigan)

ASSISTANT PROFESSOR OF ENGLISH (1946)

MARGUERITE MEYER PRINS

A.M. (Wisconsin)

PROFESSOR OF FRENCH, HEAD OF THE DEPARTMENT OF FRENCH
(1921, 1937)**EMMA MARIE REEVES**

A.M. (Michigan)

ASSOCIATE PROFESSOR OF ENGLISH, DEAN OF WOMEN (1946)

MORRETTE L. RIDER

Mus.M. (Michigan)

ASSISTANT PROFESSOR OF MUSIC THEORY AND INSTRUMENTS (1947)

METTA J. ROSS

A.M. (Michigan)

PROFESSOR OF HISTORY (1926)

HENRY ERNEST SCHOON

A.M. (Hope)
ASSOCIATE PROFESSOR OF GERMAN (1946)

HELEN HABERLAND SCHOON

A.M. (Michigan)
INSTRUCTOR IN EDUCATION, DIRECTOR OF READING CLINIC (1946)

JOHN H. L. SCHOUTEN

INSTRUCTOR IN PHYSICAL EDUCATION (1918)

WILLIAM SCHRIER

Ph.D. (Michigan)
PROFESSOR OF SPEECH, HEAD OF THE DEPARTMENT OF SPEECH
(1939)

MILDRED SCHUPPERT

Ph.D. (Michigan)
INSTRUCTOR IN LIBRARY SCIENCE (1936)

MILDRED E. SINGLETON

M.L.S. (Columbia)
LIBRARIAN (1949)

MARIAN MASTENBROOK SMITH

B.S. in L.S. (Illinois)
INSTRUCTOR IN LIBRARY SCIENCE (1946)

ESTHER MAC FARLANE SNOW

A.B. (Hope)
ASSISTANT PROFESSOR OF ORGAN AND PIANO (1938)

LOTUS SNOW

Ph.D. (Chicago)
ASSOCIATE PROFESSOR OF ENGLISH (1948)

JENNIE SPOELSTRA

A.M. (Kansas), R.N.
ASSISTANT PROFESSOR OF BIOLOGY (1947)

CHARLES ANDREW STEKETEE

A.M. (Michigan)
ASSISTANT PROFESSOR OF MATHEMATICS (1946)

HENRY TEN HOOR

A.M. (Michigan)
ASSISTANT PROFESSOR OF ENGLISH (1946)

OSCAR EDWARD THOMPSON

A.M. (Cornell)
PROFESSOR OF BIOLOGY (1926, 1946)

JAMES UNGER

M.S. (Wisconsin)
INSTRUCTOR IN BIOLOGY (1948)

GARRETT VANDER BORGH

A.M. (Columbia)
PROFESSOR OF EDUCATION (1923)

ALVIN WALLACE VANDERBUSH

A.M. (Michigan)

ASSOCIATE PROFESSOR OF HISTORY AND POLITICAL SCIENCE (1945)

ROBERT CLAIR VANDERHAM

A.M. (De Pauw)

ASSISTANT PROFESSOR OF SOCIOLOGY (1949)

THEODORE L. VANDER PLOEG

Sc.M. (Ohio State)

ASSOCIATE PROFESSOR OF CHEMISTRY (1947)

LOUISE JEAN VAN DOMMELEN

B.S. (Michigan State Normal)

ASSISTANT PROFESSOR IN PHYSICAL EDUCATION (1947)

WALTER VAN SAUN

Ph.D. (Cincinnati), B.D. (Bonebrake)

PROFESSOR OF PHILOSOPHY (1929)

GERRIT VAN ZYL

Ph.D. (Michigan)

PROFESSOR OF CHEMISTRY, HEAD OF THE DEPARTMENT OF
CHEMISTRY (1923)**TEUNIS VERGEER**

Ph.D. (Michigan)

PROFESSOR OF BIOLOGY, HEAD OF THE DEPARTMENT OF BIOLOGY
(1931)**JOHN E. VISSER**

A.M. (Iowa)

ASSISTANT PROFESSOR OF HISTORY (1949)

HENRY VOOGD

Th.D. (Princeton Theological Seminary)

ASSOCIATE PROFESSOR OF RELIGION AND BIBLE (1947)

KENNETH JAY WELLER

M.B.A. (Michigan)

INSTRUCTOR IN ECONOMICS AND BUSINESS ADMINISTRATION (1949)

NORMA WOLCOTT

A.M., (Northwestern)

INSTRUCTOR IN SPANISH (1948)

EDWARD JOHN WOLTERS

A.M. (Michigan)

ASSOCIATE PROFESSOR OF LATIN (1926)

DWIGHT B. YNTEMA

Ph.D. (Michigan)

PROFESSOR OF ECONOMICS, HEAD OF THE DEPARTMENT OF ECO-
NOMICS AND BUSINESS ADMINISTRATION (1946)**JOSEPH ZSIROS**

Th.D. (Debrecen, Hungary)

VISITING PROFESSOR OF BIBLE (1947)

SPECIAL INSTRUCTORS

DONALD PETER BUTEYN

A.B. (Hope)
SPEECH (1949)

CHARLES E. DREW

B.S. (Hanover)
BUSINESS ADMINISTRATION (1947)

DWIGHT FERRIS

B.S. (University of Grand Rapids)
BUSINESS ADMINISTRATION (1949)

MAURICE ALVIN GUILD

Mus.M. (Michigan)
MUSIC (1949)

MARGUERITE HADDEN

A.B. (Hope)
SOCIOLOGY (1948)

CAROLYN HAWES

A.M. (Minnesota)
DIRECTOR OF ELEMENTARY PRACTICE TEACHING (1934)

ADRIAN KLAASEN

Ph.B. (Chicago)
BUSINESS ADMINISTRATION (1947)

LOUISE S. KRUM

B.S. (Western Michigan)
ART

RICHARD MARTIN

A.M. (Michigan)
MATHEMATICS (1934)

WENDELL^o MILES

LL.B. (Michigan)
BUSINESS ADMINISTRATION (1947)

LAMBERT JOHN PONSTEIN

A.B. (Hope)
SPEECH (1949)

CRITIC TEACHERS

The observation and practice teaching of students is done under the supervision of selected teachers in the Holland and Zeeland Public School systems.

FACULTY COMMITTEES

The President and the Dean of the College are members ex-officio of all committees.

ADMINISTRATIVE

Lubbers (Chairman), Boyd, De Graaf, Hawkinson, Hinga, Hinkamp, Hollenbach, Kleis, Lampen, Reeverts, Timmer, Van Zyl.

EDUCATIONAL POLICIES

De Graaf (Chairman), Davis, Dykstra, Ellert, Hawkinson, Hollenbach, Kleinheksel, Lampen, Partington, Mrs. Prins, Schrier, Van Saun, Vergeer. Student Members: Laurence Masse, Walter Scholten, Nancy Vyverberg.

STUDENT DIRECTION

Boyd (Chairman), Brand, Geerlings, Hinga, Hollenbach, Holleman, Osterhaven, Schuppert, Spoelstra, Steketee, Reeverts, Ten Hoor, Thompson, Visser. Student Members: Keppel Cloetingh, Mary Houtman, Roy Lumsden.

CHAPEL

Osterhaven (Chairman), Billups, Brown, De Pree, Hinga, Johnston, J. Prins, Reeverts, Schoon, Snow. Student Members: Cynthia Fikse, Jack Hascup, Jeanne Toussaint.

LIBRARY

Ross (Chairman), Frissel, Granberg, Karsten, Meyer, Singleton, Miss Snow, Smith, Vanderham, Vander Ploeg, Wolcott, Wolters. Student Members: Donald Fairchild, Connie Shilling, Marillyn Van Weelden.

ATHLETIC

Kleis (Chairman), Avison, DeVette, Folkert, Hinga, Rider, Schouten, Unger, Vanderbush, Van Dommelen, Voogd, Weller. Student Members: Gene Campbell, William Hinga, Fred Yonkman.

ADMISSIONS

Timmer (Chairman), Lubbers, Haverkamp, Hinga, Hinkamp, Hollenbach, Mrs. Prins, Reeverts, Vander Borgh.

PART II

HISTORY AND ORGANIZATION

STANDARDS AND AIMS

CAMPUS AND BUILDINGS

SPECIAL SERVICES

STUDENT ACTIVITIES

ALUMNI ASSOCIATION

HISTORY AND ORGANIZATION °

In 1848 the General Synod of the Reformed Church in America approved the recommendation of the Special Committee on the State of the Church which urged that "an institution of high order for classical and theological instruction under our patronage as long as necessary be established." One year before this a party of religious immigrants had settled in the wilderness on Black Lake and had founded the town of Holland. In that one year the colonists from the Netherlands had increased in number from fifty-three to four thousand. Under the leadership of Reverend A. C. Van Raalte the plans for an educational institution were soon realized. In 1855 an academy was established under the principalship of Walter T. Taylor.

To the first report of Principal Taylor to the General Synod was appended a statement by Rev. Van Raalte, containing the sentence, "This is my anchor of hope for this people in the future." This statement, as simple as it is felicitous, gave the name Hope College to the institution and led to the selection of the anchor as its seal. At first the academy provided instruction only at the secondary level, and the plan of collegiate education was not put into action until 1862, when the first freshman class was organized. In 1866 Hope College was incorporated and Rev. Philip Phelps, D. D., was inaugurated as the first President. In that same year the first class of eight was graduated.

There have been seven presidents of Hope College as follows:

PHILIP PHELPS	1866-1866
CHARLES SCOTT	1866-1866
GERRIT J. KOLLEN	1866-1866
AME VENNEMA	1866-1866
EDWARD D. DIMNENT	1866-1866
WYNAND WICHERS	1866-1866
IRWIN J. LUBBERS	1866-1866

The governing body of Hope College is the Board of Trustees, consisting of forty-two members, including the President of the college. They are selected in the following manner: nine are selected by the General Synod of the

* Provisional presidents

Giles H. Mandeville - 1878-1880

Charles Scott - 1880-1885

Reformed Church in America, five by the Board of Trustees, and the remainder by the various classes or particular synods of the Reformed Church. They hold office for six years and are the regularly constituted corporation under which the college acts.

STANDARDS AND AIMS

STANDARD OF FAITH

From the beginning of its history, Hope College has been an avowedly Christian College, offering a liberal arts education on an evangelical basis, according to the historic Christian faith. Its continuing purpose is to provide an atmosphere to which parents who desire to maintain the fundamentals of the Christian faith will readily entrust their children.

The following statement of faith expresses the foundation on which Hope College was established and for which it stands. Desiring to maintain the "faith of our fathers" the Board of Trustees of Hope College reaffirms that faith in the following affirmations.

We believe in:

1. The Scriptures of the Old and New Testament as fully inspired of God, as infallible, and as the supreme and final authority in faith and life.
2. One God, Almighty, Maker of Heaven and Earth, eternally existent in three persons, Father, Son and Holy Spirit.
3. Jesus Christ as the only begotten Son of God, Who was conceived by the Holy Spirit, born of the Virgin Mary, true God and true man, Who suffered and died for our sins, is risen, ascended, and coming again, personally, in power and glory.
4. The present ministry of the Holy Spirit, by Whose ministry men are brought to a saving knowledge of Jesus Christ, and by Whose indwelling Christians are enabled to live a godly, Christlike life.

5. The Church of Jesus Christ, holy and invisible, the communion of the saints, and the spiritual unity of all believers in the Lord Jesus Christ.
6. The forgiveness of sins, through the shed blood of Jesus Christ, Who "died for our sins according to the Scriptures and rose again for our justification."
7. The bodily resurrection of the just and the unjust; they, who, by faith, are in Christ, unto the resurrection of life; they, who, by unbelief, are apart from Christ, unto the resurrection of condemnation.
8. The practical application of these truths, which are not only a sacred trust to be preserved and taught, but lived and practiced as well.

AIMS AND OBJECTIVES

On the basis of this faith, Hope College seeks to provide and maintain, for the Reformed Church in America, her students, alumni and friends, a fully accredited liberal arts program on a distinctively evangelical, Christian basis, through a faculty whose faith is in Jesus Christ and whose practices harmonize with His teachings. It is its aim and purpose, therefore:

1. To develop Christian character, nurturing and strengthening faith in God, in Jesus Christ as God's Son and only Saviour and Lord, and in the Bible as the inspired Word of God, our only rule of faith and practice.
2. To provide a Christian atmosphere, culture and education that will undergird, strengthen and support those basic Christian principles taught and practiced in the Christian home and church, that will help the student to develop a Christian philosophy of life, and that will strengthen him in the practice of that philosophy.
3. To encourage cooperative participation in group life as a valuable social experience for the development of Christian living and Christian leadership.

4. To train the whole of man for the whole of life and to send forth well-informed, consecrated Christian leaders into every walk of life.
5. To introduce the student to the organized fields of learning, interpreted through the Christian, theistic view of the world, man and his culture, based upon revealed truth as presented in the Word of God, so that he will further develop a proper sense of values.
6. To build strong bodies, through physical training, acquainting the student with the principles of hygienic living and developing interests and habits conducive to physical, mental and spiritual health.
7. To train the student in understanding and evaluating the thoughts of others and in expressing his own thoughts clearly and effectively.
8. To provide the student with intensive concentration in one field of learning and with the techniques of research which are ordinarily associated with that field, so that he will be adequately prepared to take his place in graduate schools or directly in his chosen vocation or profession.
9. To arouse a keen awareness of the power of the unseen, spiritual forces in the world and their importance in the total pattern of living.
10. To raise the standards of its teaching so that its faculty will constantly improve in scholarship and ability.

ACADEMIC STANDING

Hope College is fully accredited by the Association of American Universities, the North Central Association of Colleges and Secondary Schools, and the American Association of University Women. It maintains membership in the American Council on Education, the Association of American Colleges, and the National Conference of Church-related Colleges. Hope graduates are admitted to the leading graduate and professional schools.

COLLEGE REGULATIONS

A student's application for admittance to Hope College implies his acceptance of the purposes and regulations of the college, and his readiness to conduct his social and academic activities in harmony with the principles and rules of the college. The college reserves the right to require the withdrawal of any student at any time if the general welfare, in its opinion, seems to demand such action.

The following basic regulations of the college are designed to contribute to the welfare of each student and of the college as a whole.

1. Devotional services in the Memorial Chapel are held each school day. These services minister to the spiritual growth of the student and serve as a unifying force among the student body. Each student is required to attend these daily devotional periods.
2. To increase the student's understanding of the Christian religion, one course in the department of Bible and Religion is to be taken by every student each year that he is in residence at Hope College.
3. Students are expected to attend public worship each Sunday at churches of their choice.
4. The college opposes drinking, gambling, and hazing in all forms. Offending students will be subject to discipline.
5. In terms of its esteem for fine womanly qualities, the college discourages the use of tobacco by women students.
6. All women students not residing in Holland or living, by consent of the Dean of Women, with near relatives are required to room in the women's residence halls.

A handbook entitled *Hope Hi-Lites*, which is published each year, contains other detailed regulations with which the student is expected to become acquainted.

CAMPUS AND BUILDINGS

LOCATION

HOPE COLLEGE is located at Holland, a city of seventeen thousand, in the western part of Michigan on Lake Macatawa, which is a bay of Lake Michigan. The Chesapeake and Ohio Railroad affords direct connections with the leading cities east and west. Grand Rapids is located twenty-five miles northeast and is reached by the Chesapeake and Ohio and motor bus lines. Chicago is one hundred and fifty miles to the southwest. Holland is in the heart of Michigan's famous fruit and summer-resort belt.

CAMPUS

The main College campus, containing eighteen acres, lies in the center of the city between Tenth and Twelfth Streets, and College and Columbia Avenues. It presents a finely varied surface, is well shaded with native trees, and is annually improving in beauty and attractiveness. The east college campus, containing seven and one-half acres, lies between Ninth and Eleventh Streets and to the east of Fairbanks Avenue joining the eastern limits of the city of Holland. It is the site of the original home of Dr. Albertus C. Van Raalte, the founder of the city of Holland and Hope College. This portion of the campus was a gift of William B. Eerdmans to Hope College in 1947.

BUILDINGS

HOPE MEMORIAL CHAPEL was dedicated in 1929. A large and imposing Gothic structure, it is one of the beautiful college chapels in the country. It has sixteen stained-glass memorial windows and a four-manual Skinner organ. On the first floor are three rooms used exclusively by student religious organizations, and four classrooms used principally by the Religion and Music departments.

THE SCIENCE BUILDING is a three-story brick building of newest design and construction, erected in 1939. It houses the Biology, Chemistry, Physics, and Art Departments, and the dramatics program.

GRAVES LIBRARY houses the library and the departments of modern foreign languages and Greek. The Library contains a large pleasant reading and reference room, a periodical room, two stack rooms containing forty-thousand bound volumes, and work rooms. The building at one time housed both the Library and the College Chapel, called Winants Chapel.

VAN RAALTE MEMORIAL HALL contains twenty large recitation rooms and a number of faculty offices. The administrative offices of the college occupy the east side of the main floor. Located on the lower floor are the Coffee Shop, Lounge, and College (Blue Key) Book Store.

CARNEGIE GYMNASIUM, the funds for the erection of which were given by Mr. Andrew Carnegie, was completed in 1906. In 1948 the building was partially remodeled to provide more adequate and up-to-date facilities for the Physical Education Department and the athletic program.

WALSH MUSIC HALL, located just off the campus on East Ninth Street, contains studios and practice rooms for voice and piano.

GILMORE COTTAGE, located at 103 East Tenth Street, was purchased by the college in 1947. The first floor has been remodeled for offices for the Dean of Women.

COLLEGE HEALTH CLINIC, 132 East Twelfth Street, contains the offices of the college physician and the college nurse. It also has three infirmary wards, and offers medical care to all Hope students.

WOMEN'S RESIDENCE HALLS

Women students who are not residing at home must live in the residence halls on the campus. Exceptions to this rule are made only with the approval of the Dean of Women and the President. There are three women's residence halls, each with an apartment suite for a house director, and all under the general supervision of the Dean of Women.

VAN VLECK HALL, the historical first building on Hope's campus, was completely rebuilt and remodeled in 1942. It houses forty-four students. On the ground floor is located the Office of Student Publications.

ELIZABETH R. VOORHEES HALL provides accommodations for approximately one-hundred ten women. The Voorhees dining hall has a capacity of one-hundred eighty.

WINIFRED H. DURFEE HALL is the new residence hall completed in the spring of 1950. It accommodates approximately one-hundred women and provides dining room facilities for one-hundred fifty. An all-purpose room on the lower floor of Durfee Hall can provide additional dining facilities for two-hundred more students.

The Hope College Women's League is an active organization whose special interest is the women's dormitories. Founded by a group of women from the churches in the Synod of Chicago in 1925, the League has given many gifts which have contributed greatly to the attractiveness and convenience of the women's residence halls.

MEN'S HOUSING

Out-of-town students are housed either in housing units owned by the college, or in private homes in the section of the city near the campus. Sixty college men are housed in Zwemer Hall, the men's dormitory of the Western Theological Seminary, adjacent to the campus. Beginning in the fall of 1950, five fraternities will be assigned to houses, limited to occupancy by their own members. Each house will be under the direction of a House Director employed by the college, and will accommodate from twenty-five to forty men. The Dean of Men is director of the housing program for men students.

To help Hope College accommodate veterans seeking admission to the college after the close of World War II, the National Housing agency provided residence units which have been erected on the campus. These units are now owned by the college and provide living accommodations for men students.

The "T" Barracks accommodate sixty-four men in furnished double rooms. Columbia Court comprises three buildings and houses an additional forty-eight men in twelve suites. Beach Court comprises six buildings, each of which is divided into four apartments for married students.

DINING HALLS

Beginning in the fall of 1950, the college will maintain three dining halls, one located in Voorhees Hall, and the other two in Durfee Hall. All dining halls are open to both men and women. Meals are furnished at reasonable cost, under the supervision of a trained director and dietician.

The college reserves the right to increase the board fees at any time it may find it necessary to do so.

SPECIAL SERVICES

COUNSELING SERVICE

Hope College maintains a counseling program that aims at helping each student to solve his personal, academic and vocational problems from the time he applies for admission to his graduation.

Pre-college counseling is under the direction of Professor A. H. Timmer, Director of Admissions. Prospective students are invited to discuss with him their college needs and plans, and arrangements may be made to take aptitude and content examinations designed to guide the applicant in his academic and vocational decisions.

Upon admission to the college, the student receives general academic and personal counseling from experienced faculty counselors, headed by Professor H. J. Haverkamp, Director of Counseling. Each freshman is assigned a counselor who assists him in becoming oriented to campus life and in planning his academic program. The counselor confers periodically with the student concerning his academic progress and is the immediate source of help to which the student may turn for discussion of his personal, academic and vocational problems.

Initial counseling assignments generally extend through the Freshman and Sophomore years. If, however, the student's needs may better be served by another counselor, a request for change is made to the Counseling Office by either the student or the faculty member. At the end of his sophomore year the student is expected to select a major field of concentration. Upon approval of his application, the student then becomes the advisee of the chairman of the major department. The advisor's responsibilities include those of the underclass counselor, and, in addition, he assists the student to focus his college work more definitely on his post-college objectives. For some specific vocational interests, special advisors are named (see page 115 below).

General vocational counseling is under the supervision of the Director of Counseling, serving the student directly or through his counselor or advisor. The entering freshman student is given a battery of general aptitude and achievement tests, which serve as a basis for later counseling. For all students, a file of more specified aptitude and vocational tests are maintained in the Counseling Office, and may be taken without cost.

For assistance of a more specialized nature, certain individuals or agencies on the campus are available to students, either directly or through referral by the counselor or advisor.

Academic —	Dr. J. H. Hollenbach, Dean of the College Professor P. E. Hinkamp, Registrar
Employment—Campus:	Mr. R. Visscher, Business Manager
Off Campus:	Professor A. E. Lampen (See page 53)
Financial	Professor C. Kleis, Chairman of Scholarship Committee Mr. Henry Steffens, College Treasurer
Health —	Dr. W. Moerdyk, College Physician (See page 28)
Personal —	Professor M. L. Hinga, Dean of Men Professor E. Reeverts, Dean of Women
Reading —	Professor Helen H. Schoon (See page 29)
Religious —	Dr. M. E. Osterhaven, College Pastor
Teacher Placement —	Professor G. Vander Borgh (See page 28)
Vocational Placement —	Professor A. H. Timmer (See page 28)

PLACEMENT SERVICE

Hope College offers vocational placement service to senior students and in a limited degree to alumni.

The Bureau of Teacher Placement is directed by Professor Garrett Vander Borgh, Chairman of the Education Department. This Bureau collects the information and credentials of those desiring the service and makes them available to interested school administrators. Where possible, administrators are invited to the college campus for interviews with the teaching candidates.

The Bureau of Vocational Placement, other than Teacher Placement, is under the supervision of the Director of Admissions. This Bureau serves as a clearing house for information on openings in business, industry, governmental service, and graduate study. It arranges interviews between interested seniors and representatives from these fields. It also makes known to students summer employment opportunities when such information is available.

HEALTH SERVICE

Clinic and infirmary care is offered to every enrolled student of Hope College in the Student Health Clinic. The clinic staff consists of the college physician, Dr. William Moerdyk; a full-time nurse who is in charge of the health service; part-time graduate nurses; and a cook and housekeeper. The physician's clinic hours are from 8:30 to 11:30 a.m., Monday through Saturday, and from 3:15 to 4:15 p.m. Monday through Friday. The clinic and infirmary are open day and night, with a nurse on duty at all times.

Free clinic service consists of an examination by the college physician when a student reports for illness, and the administration of ordinary clinic medicines. Major surgery, hospitalization, special physician's fees, x-rays, and special drugs must be paid for by the student. Infirmary care at \$1.00 per day is provided for all students need-

ing bedside care. Sick students do not remain in the dormitories but are required to enter the infirmary, which has three pleasant rooms. Parents are notified by infirmary authorities whenever any student is considered to be seriously ill or whenever surgery is advised.

READING CLINIC

In order to aid students who have special difficulties in reading, a Reading Clinic has been established under the direction of Mrs. Helen E. Schoon. Any student desiring help in diagnosing his reading problems and in remedial practice may use this service. Counselors and instructors may refer students to the Clinic for help. The Clinic office is located in 107 Van Raalte Hall.

STUDENT EMPLOYMENT SERVICE

See below, page 53, for a description of this service.

STUDENT ACTIVITIES

RELIGIOUS ORGANIZATIONS

The central religious organizations on the campus are the YOUNG WOMEN'S CHRISTIAN ASSOCIATION and the YOUNG MEN'S CHRISTIAN ASSOCIATION. Meetings of these two organizations are held every Tuesday evening at 7:15 o'clock in the beautiful rooms set apart for them on the first floor of the Memorial Chapel. All students are urged to become members of these organizations. The two associations cooperate to direct and administer the program of religious activities of the student body. The highlight of the year is the annual Religious Emphasis Week, sponsored and conducted by the two groups.

In addition to the two Y.'s, there are two other religious groups. ALPHA CHI is an organization of students who are preparing themselves for the Christian ministry. KAPPA DELTA is an organization of young women who are preparing themselves to become full-time leaders in church activities. Meetings of each of these groups are held monthly for discussion and inspiration.

STUDENT CLUBS

There are a number of student organizations on the campus designed to offer students with similar special interests the opportunity of meeting together for their mutual help and advancement. The CHESS CLUB, the CAMERA CLUB and the RIFLE CLUB are active hobby clubs. The MUSICAL ARTS CLUB and PALLETTE AND MASQUE, the college dramatic club, are active in promoting activities in the area of these fine arts. The INTERNATIONAL RELATIONS CLUB holds bi-monthly meetings for all students who are interested in discussing the underlying principles of international conduct, law, and organization. There are various departmental clubs, such as the FRENCH, GERMAN, SPANISH, BIOLOGY, PRE-NURSING, CHEMISTRY, ENGLISH, PHILOSOPHY, SOCIAL SERVICE, ELEMENTARY TEACHERS, and MATH-PHYSICS

CLUBS, open to students who are majoring or have a special interest in these fields of study.

The WOMAN'S ACTIVITIES LEAGUE, for all women students, has as its function the promotion of co-operation and friendship among the women of the college, the fostering of high standards of conduct, and the furthering of campus interests and activities among the women. It sponsors annually a number of all-girl or all-campus parties and programs, including the May Day celebration.

FRATERNAL SOCIETIES

A number of social fraternities and sororities, all local, exist on the campus. Each of the women's societies has a separate club room in one of the women's residence halls. Although they have Greek letter titles they are better known as Delphi, Dorian, Sorosis, Sibylline, and Thesaurian. All women students desiring to join one of these sororities are given the opportunity in the fall of their sophomore year. All freshmen women are eligible for membership in A. S. A., a Freshman women's sorority.

There are five men's fraternal organizations: Arcadian, Cosmopolitan, Emersonian, Fraternal, and Knickerbocker. Men students are eligible to join these societies in their freshman year.

A Pan Hellenic Council and an Interfraternity Council are the governing boards of these two groups of societies. On occasions, an Inter-Society Council, composed of representatives from all the societies, meets to act as a clearing house on matters of common interest.

HONOR SOCIETIES

BLUE KEY is a national honor fraternity made up of senior men chosen because of their individual academic attainments combined with their participation in student activities. Their purpose as a chapter is to aid the faculty in the furtherance of all worthwhile collegiate activities.

ALCOR SOCIETY is a local honor society composed of senior women who have measured up to certain academic

standards and have been outstanding in character, leadership and service. Their purpose is to enrich the social and academic life on the campus.

STUDENT COUNCIL

To represent the student body in the total college program, a STUDENT COUNCIL of eighteen to twenty-one members is chosen annually by the students. The President and Vice President are elected at a general spring election. The other members are chosen from the different classes, the fraternal societies, other key organizations, and from the student body at large. Three faculty members, elected by the faculty, meet with the Council as faculty representatives. The Student Council serves as an executive committee to promote student activities and to assist in forwarding the entire program of the college.

MUSICAL ORGANIZATIONS

Students interested in music find abundant opportunity to gratify their desires through membership in one or more of the musical organizations.

The CHAPEL CHOIR, a mixed group of more than one hundred voices sings at morning chapel services and on special occasions. A concert choir of approximately sixty voices is part of this group.

The WOMEN'S GLEE CLUB and the MEN'S GLEE CLUB of thirty voices each are trained in programs of sacred and secular music. Both clubs take short trips and alternate each year in an extensive concert tour.

The HOPE COLLEGE MESSIAH CHORUS, composed of the above organizations, and augmented by other musically interested Hope College students and faculty, presents Handel's oratorio each Christmas season in the Memorial Chapel.

The MADRIGAL SINGERS are a selected group of mixed voices who sing English madrigals. They make several concert appearances during the year.

The COLLEGE ORCHESTRA accompanies the annual presentation of the Messiah and presents several concerts for the student body and public in Holland and Western Michigan.

The COLLEGE BAND presents concerts during the year and is active at the various athletic contests.

PUBLICATIONS

There are two major student publications on Hope's campus. The first is the ANCHOR, the college newspaper, which is published every two weeks by a staff of students. The second is the MILESTONE, the college year book, edited and published by a staff chosen from the Junior class of the college. In addition to these, a STUDENT GUIDE, containing the student roster, is published each fall through the Blue Key; and HOPE HI-LITES, a guide-book for all students, is published and distributed at the opening of the fall semester.

ATHLETIC ACTIVITIES

Hope College is a member of the Michigan Intercollegiate Athletic Association, the other members of which are Adrian, Albion, Alma, Hillsdale, and Kalamazoo. The association is governed by a Board of Directors, to which each college sends one faculty member and one student member as its representatives. Hope College competes in all the intercollegiate sports of this association, namely: football, basketball, track, baseball, golf, tennis, and cross-country.

An active intramural program for men and women is also maintained. In addition, the women participate in a series of Play Days at various colleges in Michigan.

FORENSICS AND DRAMATICS

Speech extra-curricular activities include intercollegiate competition in all of the contests sponsored by the Michigan Intercollegiate Speech League (MISL), such as annual contests in extemporaneous speaking, group discussion, debate, oratory, and the Prose and Poetry Festival in interpretive reading. Local and state contests are also held

in the oratorical and extemporaneous speaking events of the Intercollegiate Peace Association. Hope is the Gamma chapter of PI KAPPA DELTA, national honorary forensic fraternity, whose provincial and national conventions are attended by Hope-ites. Dramatic activities center in PALETTE AND MASQUE, a dramatic group which produces both one-act and full-length plays before campus and off-campus groups.

ALUMNI ASSOCIATION

The Hope College Alumni Association is the organization of all Hope graduates and former students. An Office of Alumni and Public Relations is maintained in Van Raalte Hall under the direction of Mr. Clyde H. Geerlings. Mrs. Marian Anderson Stryker is the editor of the Alumni Magazine, which is sent out quarterly to all alumni. The Officers of the Alumni Association are:

<i>President</i>	Dr. Wynand Wichers, Kalamazoo
<i>Vice President</i>	Mrs. Isla Pruijm Van Eenenaam, Muskegon
<i>Secretary</i>	Mrs. Marian Anderson Stryker, Holland
<i>Treasurer</i>	Prof. Garrett Vander Borgh, Holland
<i>Directors</i>	Irene Stapelkamp Dykstra, Grand Rapids Randall C. Bosch, Holland Willard C. Wichers, Holland

The Alumni Chapters are active in a number of states in the East and Middle West. Students, or prospective students, who wish to contact one of these Chapters may do so through the President.

Albany, New York	Ted Hidding, President
Chicago, Illinois	Paul Gebhard, President
Detroit, Michigan	Lawrence De Cook, President
Grand Rapids, Michigan	Milton Spaan, President
Kalamazoo, Michigan	Martin Bekken, President
Muskegon, Michigan	Rev. Harold Ringenoldus, President
New York, New York	Dr. John Wierda, President
Rochester, New York	Willard Midivaine, President

PART III

ADMISSION

GENERAL ACADEMIC REGULATIONS

READING COURSES

HONORS

REQUIREMENTS FOR GRADUATION

ADMISSION

APPLICATION FOR ADMISSION

All applications for admission to Hope College should be made to the Director of Admissions, Hope College, Holland, Michigan. Necessary admission forms will be mailed upon request. Applicants are urged to submit preliminary applications as soon as possible after the junior year of high school.

Hope College has a program arranged to admit students for either the first or second semester of each school year or the annual summer school. Admission is based on positive evidence of acceptable intellectual capacity, high purpose, and good character. The college will therefore consider each applicant for admission in terms of such characteristics.

As a preliminary step for admission, every candidate is urged (1) to examine the college bulletin for basic information pertinent to the vocational objective of the prospective student, (2) to study the "Aims and Objectives" and "College Regulations on pages 19-21, with a view to acceptance of them, (3) to read the statement of requirements for admission.

It is the responsibility of each applicant to see that the following items are received by the Director of Admissions:

1. Completed Admission Form filled out by the student. This Form is available upon request.
2. Official transcript of the high school record. The high school principal will mail the transcript to the college at the request of the student. Applicants who are accepted on the evidence of three or three and one-half years of high school grades are admitted on the condition that the supplementary record covering the rest of their high school course remains satisfactory.
3. A statement of recommendation from the principal or high school counselor.

4. A letter of character reference from a teacher, business executive, or religious leader.
5. Official transcript of credits from any college(s) attended after graduation from high school and a letter of good standing from the office of the college last attended.
6. Medical statement issued by a regularly licensed physician, preferably the family doctor. Medical Form is available upon request.
7. Each application is to be accompanied by a \$10 admission or matriculation fee. The fee, except for a \$3 processing charge, is refundable to applicants whose admission requests are not approved.

REQUIREMENTS FOR ADMISSION

The college will consider for admission to the Freshman Class:

1. Graduates of accredited secondary schools (four-year high schools, three-year senior high schools, and academies):
 - a. Who in general rank academically in the upper half of their high school class. Exceptions to this will be considered only upon adequate evidence from references and/or scholastic aptitude tests.
 - b. Who present 15 units or more for college entrance, at least 10 units of which are academic units. A unit is defined as a subject pursued through a school year with not less than four recitation periods each week for a total of not less than 120 hours of class work. Graduates of three-year senior high schools should include the units earned in the last year in junior high school in totaling the 15 or more units. Of the 10 or more required academic units, three or more must be in English and seven or more units from three of the following groups: foreign languages, mathematics, sciences, and social sciences.

2. Graduates of secondary schools other than those designated above, provided they, too, rank in upper half of their high school class and can present 15 or more units as described in 1b. Such applicants may be admitted on satisfactory recommendations from the Administration of their respective schools or/and by scholastic aptitude tests.
3. Persons 21 years or older, not graduates of high schools. Such applicants may be tentatively admitted on the basis of acceptable references and/or examinations. Full college status will be granted such persons upon demonstration of ability to do college work successfully during the trial year.
4. Service men and women of World War II or the Post-War period, honorably discharged or released from military duties, who in terms of available records and/or by examinations evidence ability to pursue college work successfully. Hope College is approved for veterans who plan their education under the privileges provided by the G. I. Bill of Rights (Public Law 16 or Public Law 346).

ADMISSION TO ADVANCED STANDING

Students who have completed academic courses at other institutions of recognized collegiate rank and of accredited status may be admitted to Hope College with advanced standing. Such applicants must present to the Office of Admissions a transcript of work completed on the college level, a statement of honorable dismissal, and a letter of character reference.

Hope College reserves the right to accept only such courses of advanced standing as comply with the requirements established for graduation. Not more than sixty-four semester credit hours will be allowed for junior college work.

Students of advanced standing from non-accredited colleges may be granted tentative admission on the basis of the nature of academic work completed, statement of honorable dismissal, letter of reference and/or examination.

GENERAL ACADEMIC REGULATIONS

SYSTEM OF GRADING

Each student receives a grade in his courses at the middle of the semester and at the close of the semester. The mid-semester grades do not appear on a student's transcript; they are designed to give the student an indication of his progress. In the case of unsatisfactory or borderline achievement, the student may be put on probation and his parents so informed.

The system of grades is as follows:

Grade	Significance	Quality Points
A	Superior	4 per sem. hr.
B	Good	3 per sem. hr.
C	Average	2 per sem. hr.
D	Weak but passing	1 per sem. hr.
F	Failure	0
I	Incomplete	

INCOMPLETES AND FAILURES

An incomplete (I) is given only when circumstances do not justify giving a specific grade. It must be removed within the first nine weeks of the semester following the one in which the incomplete was received. If not removed within this time, the incomplete becomes a failure (F).

A failure (F) cannot be removed from a student's record. However, a student may take the course a second time. If he passes the course, the passing grade will appear beside the failure on his transcript. A student failing a course required for graduation should repeat the course the next time it is offered.

WITHDRAWAL FROM COLLEGE

Freshmen failing in two-thirds or more of their semester hours at the end of their first semester will be required to withdraw for one semester. Freshmen at the end of the second semester and all other students at the end of any

semester failing in one-half or more of their work will be requested to withdraw for one semester.

In order to assure himself of an honorable dismissal from college, a student who wishes to withdraw from college during the course of a semester must obtain a Withdrawal card from the Registrar. This card must be signed by the Treasurer and the Dean of the College.

CHANGE OF COURSES

Students are urged to study the course offerings carefully before registration so that their course program for a given semester need not be changed. The following limitations are placed on changing of courses:

• **ADDING OF COURSES:** No student may enter a new course after the end of the second week of the semester.

DROPPING OF COURSES: No student is permitted to drop a course without failure except with the approval of the instructor and counselor, and then only within the first four weeks of the semester. A Freshman, however, will have until the mid-semester grades of his first semester in attendance have been reported. Courses dropped after the time limit will be recorded as failures. Under unusual circumstances appeal may be made to the Administrative Committee.

STUDENT LOAD

The normal student load is sixteen hours per semester. Permission to take more than a normal load is based upon the student's previous academic record. Seventeen hours may be granted by the counselor. Application for more than seventeen hours must be made to the Administrative Committee. Under no circumstance will a student be permitted to take more than nineteen semester hours. Students carrying a work program along with their studies are advised to reduce their academic load. Students carrying more than a normal load must pay a fee of \$9.00 for each semester hour in excess of sixteen. Regularly enrolled students must carry a minimum of twelve semester hours of course work each semester.

CLASSIFICATION

To be eligible for classification as a sophomore, a student must have to his credit twenty-four semester hours.

To be eligible for classification as a junior, a student must have sixty-two semester hours.

To be eligible for classification as a senior, a student must have ninety-four semester hours.

CLASS AND CHAPEL ATTENDANCE

Regular attendance in all classes and at daily chapel is required. A student is responsible for all work missed during his absences from classes regardless of whether the absences are excused or unexcused. Excessive unexcused absences are penalized by loss of credit.

Unavoidable absences due to illness, death in family, and other emergencies may be excused by the Faculty Committee on Absences, provided the student files written application for an excuse at the Dean's Office within three days after he returns to school. The application should state dates of all classes missed and reasons for the absences.

Absences incurred while acting as a representative of a recognized and regularly scheduled activity of Hope College shall be excused provided the faculty sponsor of the activity signs the application indicating his approval of the absence.

READING COURSES

Reading Courses provide opportunity for advanced work by Seniors of outstanding ability. Reading Courses may serve various purposes: to offer a mature student a course not regularly given, to challenge capable students to their highest achievement, or to introduce the student to the methods of graduate school study and research. The work is done under the supervision of, and in conference with, a member of the selected department. The name of the applicant, together with the plan of the course to be pursued, must be recommended by the head of the department in which the work is to be done to the Educational Policies

Committee for approval not later than the second Friday after the opening of the semester. A typewritten copy of the paper or thesis presenting the completed study must be submitted to the head of the department, to be filed with the college librarian, before credit is granted. Two hours credit shall be granted for a semester course.

HONORS

GRADUATION HONORS

Graduation honors will be conferred according to the following regulations:

The degree of Bachelor of Arts, Summa Cum Laude, will be conferred upon such as have met all the requirements and attained an average grade of 3.87 quality points, with no grade below "B."

The degree of Bachelor of Arts, Magna Cum Laude, will be conferred upon such as have met all the requirements and attained an average grade of 3.6 quality points, with no grade below "B."

The degree of Bachelor of Arts, Cum Laude, will be conferred upon such as have met all the requirements and have attained an average grade of 3.3 quality points, with no grade below "C."

In no case will an honor degree be awarded to any student who has not taken at least two years of his course in residence at the institution.

SENIOR HONORS

The faculty of Hope College each May select a group of Seniors, not exceeding ten per cent of the graduation class, who in their opinion have given the greatest promise, through their academic achievement and campus service, of achieving signal success in their chosen professions. These Seniors are recognized at a special honors assembly held in May.

REQUIREMENTS FOR GRADUATION

SEMESTER HOURS AND QUALITY POINTS

A minimum of one hundred twenty-six hours of college work and a quality point average of 2.00 are required for graduation. The quality point average shall be determined by dividing the total number of quality points earned by the total number of hours in which a student has received a grade.

RESIDENCE

No degree will be conferred upon anyone who has not spent his senior year at Hope College.

PHYSICAL EDUCATION

Seventy-two clock hours of Physical Education are required of each student before graduation. This requirement should be met in the Freshman year. Veterans of World War II are exempt from this requirement.

COURSE REQUIREMENTS

The following specific courses are required for graduation:

English 11, 12, (or 12, 14), 31, 32

Speech 11

Psychology 31

Religion and Bible 71 plus one other course for each additional academic year in residence, to be selected from 11, 31, and 51.

GROUP REQUIREMENTS

In addition to the specific courses mentioned above, each student must select and receive passing grades in:

- I. Eight semester hours of courses from the Departments of Biology, Chemistry, Mathematics, and/or Physics.
- II. Six semester hours of courses from the Departments of History, Psychology, Economics, Philosophy, Political Science, and/or Sociology.

- III. A sufficient number of semester hours in one foreign language to fulfill the foreign language requirement.

Students are urged to complete these course requirements and group requirements in their Freshman and Sophomore years, with the exception of Religion and Bible 51 and 71.

FOREIGN LANGUAGE REQUIREMENT

To fulfill the language requirement for graduation, a student must attain a level of proficiency equal to two years of a foreign language on the college level. The foreign languages are French, German, Spanish, Greek and Latin. Specifically, this means that:

- I. A student entering with no foreign language background must take two years (elementary and intermediate) of a foreign language.
- II. A student entering with one or more years of foreign language in preparatory school may choose to study:
 - A. A different foreign language. In this case he will take two years of that language.
 - B. The same foreign language he had previously studied. In this case he will be given placement tests to determine his level of proficiency, and will be enrolled at the proper level. Completion of the intermediate course signifies completion of the language requirement.

FIELD OF CONCENTRATION

To provide organization and some intensive work in his general training, the student must, at the close of his sophomore year, declare a field of concentration. Normally this will mean that he will choose a department in which to do his major work. However, in order to meet some special cultural or vocational end, a composite major may be substituted. The major may be changed with the consent of the heads of the departments involved and the Director of Counseling.

DEPARTMENTAL MAJOR: A student wishing to be accepted as a candidate for a major in a department must submit a written application to the chairman of that department by the end of the sophomore year. If he is accepted, the chairman or a designated member of that department becomes his advisor for the remainder of his college work, and with the student works out the academic program. In Part V of this catalog, along with a listing of the course offerings, are found the specific requirements for a major in the various departments. These requirements must be met for graduation. Every student must complete a minimum of 81 semester hours outside of his department of concentration.

COMPOSITE MAJORS: A composite major requires the approval, in advance, of the Educational Policies Committee except in the case of composite major programs for which general approval has already been granted. Students planning to follow one of these programs should consult the special advisors listed below, by the end of the Sophomore year. Those interested in an individual composite major should consult the Dean of the College. Composite majors must have a concentration of at least 18 hours in one department. At present the following composite majors are approved:

1. For elementary school teachers: A minimum of thirty semester hours of recommended courses in one of the following areas:
 - a. Fine Arts (Music and Art)
 - b. Language (English and Library Science, or English and Speech, or English and Foreign Language)
 - c. Social Studies (History, Political Science, Psychology, and Sociology)
 - d. Natural Science (Biology, Health and Physical Education)

Students should study the requirements for Elementary Teacher's Certificate and consult the elementary

education advisor by the end of the freshman year. It is possible under this arrangement to satisfy certification as described on pages 71-72. (Advisor: Mr. Vander Borgh)

2. For foreign language students: A composite major in foreign languages requires a minimum of nine hours of advanced study (courses above 50) in one language and five hours in another. (Advisors: Boyd, M. Prins, Brown).
3. For secondary school teachers:
 - a. Major in general science. Minimum of forty-three hours to be taken from Biology (16 hours), Chemistry (17 hours), Physics (10 hours). Consult page 123 where the curriculum is described more fully. (Advisor: Dr. Vergeer)
 - b. Major in social studies. Either a minimum of forty-four hours distributed around a history core of twenty-six hours, to include six hours of Political Science, six hours of Sociology, and six hours of Economics; or a minimum of forty-five hours to include eighteen hours of History, and the rest in Political Science, Sociology, and Economics. See page 124 where the curriculum is described more fully. (Advisor: Dr. Hawkins).

EXTENSION AND CORRESPONDENCE WORK

Students may be enrolled in extension courses for credit at Hope College only if they get approval in advance from the Dean of the College.

No work taken by correspondence will be accepted by Hope College toward graduation.

TRANSCRIPT OF RECORD

A student who is graduated or granted an honorable dismissal from college is entitled to one certified transcript of his record. A fee of \$1.00 is charged for each additional copy.

PART IV

EXPENSES

FEEES

PAYMENT OF FEES

REFUND POLICY

STUDENT AID

SCHOLARSHIPS

GRANTS IN AID

LOANS

STUDENT EMPLOYMENT

PRIZES AND AWARDS

EXPENSES

FEES

GENERAL SEMESTER FEES

Over-all for boarding students (Tuition, room and board)	\$3 ⁷⁵ 45 .00
Tuition only	\$150.00
Room only	70.00
Board only	155.00
Tuition per semester hour above normal load of sixteen semester hours	9.00
Tuition per semester hour for less than mini- mum load of twelve semester hours	11.25

SPECIAL FEES

Matriculation (paid by each student upon admittance to Hope College)	10.00
Organic Chemistry laboratory	10.00
Laboratory for other science courses	5.00
Secretarial Education course	15.00
Practice Teaching	15.00
Applied Music:	
Organ — one thirty-minute lesson per week	40.00
Piano, Voice, or Instrument — one thirty- minute lesson per week	30.00
Piano Ensemble	2.50
Junior Department Piano — sixteen lessons	24.00
Late registration	5.00
Diploma	10.00

PAYMENT OF FEES

All bills are due and payable at the beginning of the semester at the Office of the Treasurer, Van Raalte Hall.

Veterans will be required to execute Veterans Administration Form 1950-A.

REFUND POLICY

The following policy for refunding money to students who withdraw from school during the course of the semester will be adhered to:

1. Room deposits are not refundable. No portion of a student's room rental will be refunded if the student leaves after he has registered for the semester.
2. Tuition refunds for students who withdraw during the course of the semester are as follows:
If the student is in attendance from date of registration

Less than two weeks	80% refunded
Between two and three weeks	60% refunded
Between three and four weeks	40% refunded
Between four and five weeks	20% refunded
Five weeks or more	none refunded
3. Board refund. The accounts of students changing boarding plans after registration will be adjusted only on a six weeks basis. A charge of \$60.00 will be made to those boarding six weeks or less; \$115.00 to those boarding between six weeks and twelve; and the full charge to those boarding more than twelve weeks.

STUDENT AID

SCHOLARSHIPS

A number of scholarships are available to students of Hope College. As the term indicates, the basis for awarding scholarships is evidence of superior ability and achievement in the academic record of the applicant.

SCHOLARSHIPS FOR UPPER-CLASS STUDENTS. For students who have been enrolled at Hope College for at least one school year, scholarship application forms may be secured from Professor Clarence Kleis, Chairman of the Scholarship Committee for upper-class students, and must be submitted by May 15 to receive action for the following school year.

SCHOLARSHIPS FOR NEW STUDENTS. A limited number of scholarship grants are available each year to young women and men who are entering Hope College for the first time. These awards are made on the basis of the high school academic record, rank in high school graduating class, leadership, character references, vocational aim, and financial need. The scholarships are for one year. Applicants can secure a Scholarship Application Form by writing to the Office of Admissions of Hope College. These forms must be filled out and submitted not later than May 1 to be considered for the following school year.

In addition to these general scholarships, several special scholarship funds have been established.

ESTELLE BROWNING MCLEAN SCHOLARSHIP FUND was established by the generosity of Mr. C. M. McLean, a former member of the Board of Trustees. It is a fund of \$10,000, the income of which is to be used to aid worthy students who meet certain conditions outlined in the will.

THE WOMEN'S BOARD OF DOMESTIC MISSIONS offers five scholarships of one hundred dollars each to girls who are preparing for definite Christian service.

THE WILLIAM F. PETERS SCHOLARSHIPS. Two scholarships of one hundred dollars each are offered in memory of

William F. Peters. One is awarded to a member of the Junior Class, and one to a Senior. The award is made by the faculty on the basis of scholarship and financial need.

THE BOARD OF EDUCATION, R. C. A., assists needy college students who meet certain academic requirements and who are preparing for the Gospel ministry. Students interested can secure information by writing the Board of Education, R. C. A., 156 Fifth Avenue, New York City.

MUSKEGON ALUMNI SCHOLARSHIP. The Muskegon chapter of Hope College Alumni provides an annual scholarship covering tuition for a high school graduate from the area of the Muskegon Classis.

APPLIED MUSIC SCHOLARSHIPS

FRESHMAN SCHOLARSHIPS. A scholarship is awarded each year in each of the following applied-music areas: piano, instrument, and voice, to three members of the freshman class. The scholarship consists of one lesson per week throughout the freshman year. The awards are determined by a competitive tryout at the beginning of the fall term.

A scholarship in organ similar to the Freshman Scholarship is awarded each year. Competition is open to freshmen and sophomores.

GRACE MARGUERITE BROWNING SCHOLARSHIP IN VOICE is awarded each year to the junior or senior music major who, in the opinion of the Music Faculty, has proved himself worthy of such a scholarship, under the following conditions:

- (a) He has been in residence at Hope College for two years.
- (b) He maintains a good general academic record during the year the scholarship is granted and does superior work in his applied music field. Failure to do so means immediate termination of the scholarship.

The scholarship is for one lesson per week throughout the year or two lessons per week for one semester. A student may receive the scholarship for one year only.

SCHOLARSHIP IN PIANO is awarded to a member of the junior or senior class on the same basis as the Browning Scholarship in Voice.

SCHOLARSHIP IN ORGAN is awarded to a member of the junior or senior class on the same basis as the Browning Scholarship in Voice.

GRANTS IN AID

In addition to scholarships, certain funds have been established to aid students who do not meet the scholastic requirements for a scholarship but who for other reasons have been considered worthy of financial assistance. Application for such grants in aid must be made to the Chairman of the Scholarship Committee in the same manner and under the same limitations as the applications for scholarships.

THE BOARD OF BENEVOLENCE, REFORMED CHURCH IN AMERICA, was organized to assist young men and young women in preparation for definite Christian work in the Reformed Church in America. Young men can receive aid during the first year in college; young women may receive aid during their college course. Students interested should contact or write for the necessary blanks to Professor A. E. Lampen, Secretary, in care of Hope College.

LOANS

Loans are presently available to qualified students from three sources:

1. The Hope College Loan Service at the First National Bank of Holland makes short term loans to worthy students. Written application for a loan must be made at the bank at least one month before the close of the semester in which the loan is to be used. At least one-fourth of the amount borrowed in any school year shall be repaid during the following summer. The interest rate is 6%.

2. The Pickett and Hatcher Educational Fund grants loans to students who are accepted by the Board of Trustees of the Fund. Loans will bear interest at the rate of 2% per

annum during the time the student remains in college. Four months after leaving college the rate changes to 4% per annum. Information on and application for a loan from the Pickett and Hatcher Educational Fund may be secured at the office of the Treasurer.

3. The Henry Strong Educational Foundation provides funds to undergraduate Juniors or Seniors and to Sophomores in the upper one-third of their class. Interest at the rate of 3% begins to accrue at graduation and repayment is at a specified rate covering a period of four years after graduation. Application for a loan should be made to the College Treasurer.

STUDENT EMPLOYMENT

Limited opportunities for part-time employment on campus and in the community exist for students who need to be partially self-supporting while at college. A Faculty Committee on Employment seeks to locate and assign part-time jobs to students most needy of self-help but cannot guarantee a job assignment to every student applying. Campus employment is assigned in the spring and summer preceding the opening of each school year. Off-campus work is regularly arranged with the employer after the students complete registration for classes.

Students needing employment for a particular school year should file application on the available Student Employment Application Form. Returning students can obtain this at the College Business Office. New students should direct inquiries to the Director of Admissions.

The Faculty Committee on Employment recommends that a student whose academic record falls below a C average in a given semester should refrain from part-time employment until his academic record is re-established. If he must carry a considerable work program along with his studies, he is advised to reduce his academic load. New students are urged to adapt themselves academically to college study and campus life before attempting part-time employment.

PRIZES AND AWARDS

SOUTHLAND AWARD, a gold medal with the seal of Hope College, to be known as the Gerrit H. Albers Gold Medal, is awarded to the young woman of the senior class who, in the judgment of a designated committee of the faculty, has maintained the highest standard of all-around scholarship, character, and usefulness during the four years of her college course.

A. A. RAVEN PRIZE IN ORATORY was established by Mr. A. A. Raven in 1908. The prize consists of two awards, one of thirty dollars and the other of twenty dollars for the best orations on a subject of patriotic nature delivered by male students of Hope College. The winner of the first award represents the college at the contest of the Michigan Intercollegiate Speech League.

ADELAIDE PRIZE IN ORATORY is a prize of twenty-five dollars awarded to the winner of an oratorical contest open to all women students on the campus. The winner represents the college in the Michigan Intercollegiate Speech League Oratorical Contest.

DR. J. ACKERMAN COLES DEBATING PRIZE, established in 1909, is a number of awards given to upper-class debaters who have achieved special distinction in Pi Kappa Delta. The granting of the award is under the supervision of the speech faculty and the Pi Kappa Delta Council.

FRESHMAN BIBLICAL PRIZES. Two prizes, a first prize of fifteen dollars and a second prize of ten dollars, are given to the students of the Freshman Class who submit the best essays on a Biblical subject assigned by the professor in charge of the department. This essay is a regular part of the Freshman Course in Bible.

SOPHOMORE BIBLICAL PRIZES. The Men's Adult Bible class of the Reformed Church of Coopersville, Michigan, donated the sum of five hundred dollars, the income of which is awarded as annual prizes in the Department of Bible to

the students of the Sophomore Class who submit the best essays on a Biblical subject assigned by the professor in charge of the department. First prize is fifteen dollars; second prize, ten. This essay is a regular part of the Sophomore Course in Bible.

JUNIOR BIBLICAL PRIZES. Annual prizes of fifteen dollars for first prize and ten dollars for second prize are given to the students of the Junior Class who submit the best essays on a Biblical subject assigned by the professor in charge of the department. This essay is a regular part of the Junior Course in Bible.

SENIOR BIBLICAL PRIZES. Mr. Daniel C. Steketee has donated a fund, the income of which is used as prizes for meritorious work in the Department of Bible. A first prize of fifteen dollars and a second prize of ten dollars are awarded to students of the senior class who submit the best essays on some subject connected with the senior course in Philosophy of the Christian Religion. This essay is a regular part of the Senior Course in this subject.

ADELAIDE MISSIONS MEDAL is given to the member of the senior class of Hope College who goes directly from the college into the foreign field under permanent appointment by the Board of Foreign Missions of the Reformed Church in America.

FOREIGN MISSIONS PRIZE of twenty-five dollars, founded by Mrs. Samuel Sloan of New York City, is awarded to the college student who writes the best essay on foreign missions.

BOARD OF EDUCATION PRIZE. The Board of Education of the Reformed Church in America has established a prize of twenty-five dollars for the best essay on the general topic of "Christian Education." The contest is open to members of the junior and senior classes. Contestants must register for the contest before the opening day of the second semester and essays must be handed in by May 1.

GEORGE BIRKHOFF, JR. PRIZE of twenty-five dollars is awarded annually for the best essay in the field of American and English literature. The subject is chosen by the faculty; it is related to the class room work done in one of the literature classes open to junior and senior students.

ALMON T. GODFREY PRIZE IN CHEMISTRY. By provisions of the will of Dr. B. B. Godfrey, the sum of five hundred dollars was donated in memory of his son, Professor Almon T. Godfrey, Professor of Chemistry from 1909 to 1923. The interest on this sum is given annually at commencement to the senior student chosen the outstanding student in chemistry.

PATTERSON MEMORIAL PRIZE IN BIOLOGY represents an effort on the part of devoted students of Doctor Patterson to perpetuate his memory. They have sponsored a cash prize of twenty-five dollars that is given at commencement to a superior student with a major interest in biology whom the Hope College faculty deems most worthy of this award.

DOUWE B. YNTEMA PRIZE of twenty-five dollars is awarded a senior student who has been chosen the outstanding student in physics.

MUSIC AWARD is given by the Girls' Glee Club to the senior who, in the judgment of a faculty committee, has contributed the most to the musical life of the campus through individual effort, participation in musical organizations, and study in the music department.

DR. OTTO VANDER VELDE ALL CAMPUS AWARD is given to the senior man chosen by the faculty Athletic Committee for his outstanding contribution to the college in athletics, scholarship and participation in student activities. To be eligible, he must have earned at least three major athletic letters.

MICHIGAN COLLEGE FELLOWSHIP. The University of Michigan has established fellowships which are awarded

annually to a selected number of colleges in Michigan. The faculty of Hope College nominates an outstanding member of the graduating class to be the recipient of this fellowship award for graduate study at the University of Michigan.

PIETENPOL PRIZE, established in 1948 through a legacy from Dr. Henry J. Pietenpol, is a prize of twenty-five dollars awarded annually to the senior student who gives promise of greatest success in the Christian ministry.

SUBJECTS FOR ESSAY PRIZES, 1950-1951

Freshman Biblical Prize — "The Fulfillment of Prophecy in Jesus Christ."

Sophomore Biblical Prize — "The Relation of the Roman Empire to Christianity in the Apostolic Age."

Junior Biblical Prize — "The Place of Jeremiah in Hebrew History."

Senior Biblical Prize — "Peace of Mind and the Christian Faith."

Foreign Missions Prize — "Christian Missions and International Good-Will."

George Birkhoff, Jr. English Prize — "The Educational Theories of the Great Victorian Prose Writers."

PART V

DEPARTMENTS OF INSTRUCTION

DESCRIPTION OF COURSES

SUGGESTED CURRICULA

ART

The courses in art are designed, first, to give students the opportunity to grow in their appreciation of art as a form of creative expression through a study of art masterpieces and through actual practice in the various media of the pictorial arts; and second, to provide the groundwork for those who wish to make art their chosen life work.

31, 32. ART STRUCTURE.

A course designed for the beginning student, it covers the language of art, artistic expression and media, elementary composition, and drawing in the studio. One hour of lecture and three of studio per week. Open to Freshmen.

Throughout the year.

Credit per semester, two hours.

51, 52. ART HISTORY AND APPRECIATION.

The study of art through the ages and its relation to modern living and painting. Beginning with pre-historic art, the course surveys the history down to modern times. Studio work includes drawing and painting in various media. Prerequisites: Art 31, 32.

Throughout the year.

Credit per semester, two hours.

61. DRAWING AND PAINTING.

A studio class for students who have taken Art Structure and desire additional training in drawing and painting. Watercolor, gouache, tempera, and oils are used in painting from model and from still life or landscape. Prerequisite: Art 31, 32, or permission of the instructor. Four clock hours per week.

First semester.

Credit, two hours.

62. THE ART OF PAINTING.

For advanced students. Painting in any desired medium, including advanced composition and rendering of finished paintings or illustrations as well as landscapes. Prerequisites: Art 61. Four clock hours of studio work per week.

Second semester.

Credit, two hours.

77. PUBLIC SCHOOL ART.

This course teaches the aims and objectives of Art in the elementary public school, the use of the elements and principles of art instruction in the class room and how art may be correlated with other classroom subjects. Students work with crayons, easel and poster paints, water colors, ink, finger paint, paper and clay. The course includes the study of color and design and their application, free illustration and the child's interpretation, creative expression, composition, appreciation, figure drawing, lettering, posters, and the construction of favors and decorations for special days. A brief course of study will be planned for the grades in which the student is most interested.

Second semester.

Credit, two hours.

BIOLOGY

Biology is the science of life. Since the purpose of a college education is preparation for more abundant living, students should acquire sufficient training in Biology, (1) to understand the basic principles of all life, and (2) to apply these to the structure and function of their own bodies. The first-year courses in this department and Physiologic Hygiene provide this necessary cultural back-

ground. Students preparing for nursing should be guided by the outlined pre-nursing curriculum on page 121. Those interested in becoming hospital personnel directors, registered medical technologists, dentists or physicians should consider the pre-medical program outlined on page 120. Hope College also offers a pre-forestry program described on page 120. Courses additional to the outlined curricula are offered for broader perspective and preparation.

MAJOR: Students majoring in Biology qualify for biological and medical research, and teaching positions in secondary or higher education. The course sequences must be approved by the Head of the Department. Students majoring in Biology must take a minimum of twenty-five hours in the department. Those planning to go to graduate school should acquire at least thirty-five hours of Biology, sixteen hours of Chemistry and eight hours of Physics. A reading knowledge of German is generally required for the M.S. degree and both German and French for the Ph.D. degree. One or more years of Latin is also desirable.

For secondary teaching a composite general science major is outlined on page 123. Biology and Physical Education also make a desirable combination.

For primary teachers preferred courses in Biology are: 11, 21, 33, 34, 52, 61. Also see "Composite Majors," page 45.

11. PRINCIPLES OF BIOLOGY.

Fundamental principles with major emphasis on the animal world, the most important structural features and functions of parts, relations to man, to each other, and to the environment. Intended for all students as a cultural background and basis for advanced work. Three classroom periods and one three-hour laboratory period.

Both semesters.

Credit, four hours.

12. PRINCIPLES OF BIOLOGY.

A continuation of 11 primarily for all science students. Major emphasis is placed on the biology of man and the vertebrates. Laboratory work centers around a detailed dissection of the frog. Two classroom periods and two three-hour laboratory periods.

Both semesters.

Credit, four hours.

21. GENERAL BOTANY.

Structure, physiology, embryology and ecology of plants with emphasis on seasonal living materials. Biology 11 is recommended to precede this. Two classroom periods and two three-hour laboratory periods.

Second semester.

Unger. Credit, four hours.

22. GENERAL BOTANY.

A continuation of 21 for pre-forestry and other interested students. The work includes a survey of the plant kingdom. Two classroom periods and two three-hour laboratory periods.

First semester.

Unger. Credit, four hours.

31. GENERAL PARASITOLOGY.

A survey of protozoan, helminthic, and arthropod parasites as causative agents or vectors of disease. Prerequisite: Biology 11 or equivalent. Two classroom periods and one three-hour laboratory period.

First semester.

Vergeer. Credit, three hours.

32. COMPARATIVE ANATOMY OF VERTEBRATES.

A selected series of vertebrate types is studied. Two classroom periods and two three-hour laboratory periods. Prerequisites: Biology 11, 12.

Second semester.

Thompson. Credit, four hours.

33. NATURE STUDY.

A practical course dealing with seasonal plants and animals, their habits, life histories and relations to their environment. Field trips may be taken in the early morning as well as in the afternoon. They alternate with illustrated lectures and laboratory observations of living forms.

Credit, four hours.

34. PHYSIOLOGIC HYGIENE.

For prospective teachers, nurses, doctor's and dentist's assistants, and all others who desire a general cultural knowledge of the subject. Particular attention is given to the nature, cause, and prevention of common diseases and optimum health maintenance. Not open to pre-medical and pre-dental students. Three classroom periods and one laboratory period. Prerequisite: Biology 11.

Both semesters.

Spoelstra. Credit, four hours.

35. HUMAN ANATOMY.

A functional interpretation of human anatomy by means of text discussions, lectures and demonstrations. Primarily for prospective nurses and physical education students, the course is open to all except pre-medical and pre-dental students. Two classroom periods.

First semester.

Spoelstra. Credit, two hours.

41. CLASSIFICATION OF NATIVE AND CULTIVATED PLANTS.

A survey of the main families in the seed plants with special attention paid to native flowers, trees and shrubs. Recommended for forestry and other interested students. One classroom period and two three-hour laboratories. Prerequisite: Botany 21. Alternate years, 1949-1950.

First semester.

Unger. Credit, three hours

42. PLANT ECOLOGY.

This course deals with the relations of plants to their environment and is recommended for pre-forestry and other interested students. Emphasis is placed on plant life typical to this area, to the United States and to the continents of the world as related to moisture, soil and other climatic factors. Two classroom periods and one three-hour laboratory. Field trips will be taken during some of the laboratory periods or by arrangement. Prerequisites: Botany 21, 22. Alternate years, 1949-1950.

Second semester.

Unger. Credit, three hours.

43. DENDROLOGY.

A survey of plant families in which are found the native trees and shrubs of Michigan. Special attention is given to the identification of woody plants both in summer and winter condition. Recommended for forestry students and teachers. Prerequisites: Biology 21 or 22. Alternate years, 1950-1951.

First semester.

Unger. Credit, three hours.

44. ECONOMIC PLANTS.

A survey of the origins, improvement and present characteristics of plants of economic importance. A standard Botany course of cultural interest to everyone. Of special importance to those planning to teach in small communities or rural areas. Two classroom periods and one three-hour laboratory. Prerequisite: Biology 22. Alternate years, 1950-1951.

Second semester.

Unger. Credit, three hours.

52. PUBLIC SCHOOL HEALTH.

A practical course in methods, materials, and policies of school health education. Special consideration is given to methods of motivating desirable health conduct at the various grade levels. Required of all prospective primary teachers. Prerequisite: Biology 34.

First semester.

Spoelstra. Credit, two hours.

53. HISTOLOGY.

Structure of the cell and its modifications into various tissues. Two classroom periods and one laboratory period. Prerequisites: Biology 11, 12 or Botany 21, 22 and permission to register.

Second semester.

Thompson. Credit, three hours.

55. VERTEBRATE EMBRYOLOGY.

The lectures deal in a comparative way with the development of vertebrates. The laboratory work deals with the study of embryological specimens of the principal groups of vertebrates. Three classroom periods and two three-hour laboratory periods. Prerequisites: Biology 11, 12.

First semester.

Thompson. Credit, five hours.

61. GENETICS AND EUGENICS.

A general introductory course dealing with the fundamental principles of heredity and variation and some of their applications to modern problems. Prerequisite: one year college biology. Two classroom periods.

Second semester.

Credit, two hours.

63. GENETICS AND EUGENICS.

Similar to 61, but primarily for science students. Two classroom periods.

First semester.

Unger. Credit, two hours.

64. ADVANCED PHYSIOLOGY.

This course deals with the structure, functions and conditions necessary for the maintenance of the normal activities of the human body. Three classroom periods and two three-hour laboratory periods. Prerequisites: Chemistry 11, 12 and Biology 11, 12.

Second semester.

Vergeer. Credit, five hours.

72. GENERAL BACTERIOLOGY.

This course deals with the fundamentals of bacteriology. Emphasis is placed on morphology, physiology, and distribution of the common forms of bacteria, and the relation of their activities to everyday life, to disease and to the industries. Two classroom periods and two three-hour laboratory periods. Prerequisites: Botany 21, 22, or Biology 11, 12 and permission to register.

First semester.

Vergeer. Credit, four hours.

74. HISTORY OF BIOLOGY.

A brief course covering the history of biology with emphasis on the significant contributions leading to the development of the various biological sciences including medicine. One classroom period weekly. Designed for biology majors.

Second semester.

Credit, one hour.

86. TEACHING OF SCIENCE.

A special course in the methods of teaching science at the secondary school level. Emphasis throughout the course will be placed on the material and techniques to follow in the teaching of Biology, Chemistry, and Physics.

Unger. Credit, two hours.

91. SPECIAL PROBLEMS.

This course is designed to give students majoring in biology a chance to do work in a field in which they have a special interest. By special permission of Head of Department.

Both semesters.

Credit by arrangement.

CHEMISTRY

Chemistry is a study of matter and the changes that matter undergoes. Chemical processes underlie practically all of the sciences. Chemical engineering is applied chemistry. Medicine is, to a great extent, the study of the chemistry of life processes. The study of the fundamentals of chemistry is also essential for dentistry, nursing, home economics and agriculture.

Pre-medical students should take at least courses 11, 12, 31, 51 and 52. Courses in physical chemistry are also recommended by some medical schools.

The following schedule should be adhered to as closely as possible by students who plan to specialize in chemistry in the graduate school or industrial chemistry position.

FRESHMAN YEAR			SOPHOMORE YEAR		
Subject	Semester Hours		Subject	Semester Hours	
	1st	2nd		1st	2nd
Chemistry, 11, 12, or 13, 14	4	4	Chemistry 31, 32	4	4
English 11, 12	3	3	German 31, 32	4	4
German 11, 12	4	4	Mathematics 31		4
Mathematics 13, 14 or 15	3		Physics 31, 32	5	5
Mathematics 16		4	Bible 31	2	
Bible 11 and Speech 11	2	2		15	17
Physical Education	R	R			
	16	17			
JUNIOR YEAR			SENIOR YEAR		
Subject	Semester Hours		Subject	Semester Hours	
	1st	2nd		1st	2nd
Chemistry 51, 52	5	5	Chemistry 71, 72	3	3
Chemistry 61	3		Chemistry 73, 74	1 or 2	1 or 2
Chemistry 76		1	Chemistry 62		3
English 31, 32	3	3	Chemistry 75	1	
Bible 51	2		Chemistry 81	2 or 3	
Psychology 31	3		Bible 71		3
Mathematics 54		4	Elective	7-9	5-6
Elective		3		16	16
	16	16			

Electives should include six hours of social studies to fulfill requirements for graduation.

The following is a statement of the minimum standards for the bachelor's degree as set up by the American Chemical Society Committee on the Professional Training of Chemists.

1. General chemistry (high school algebra and geometry should be prerequisites) which may include qualitative analysis, comprising the equivalent of thirty weeks of instruction with three hours of lectures or recitations a week, and four to six hours of laboratory a week.
2. Quantitative analysis, comprising the equivalent of thirty weeks of instruction with not less than eight hours of laboratory a week. This course may include some training in qualitative analysis.
3. Physical chemistry (quantitative analysis and calculus should be prerequisites), comprising the equivalent of thirty weeks of instruction with three lectures or recitations a week and three hours of laboratory a week. This course should be given in such a way that calculus is used in the treatment of the subject.
4. Organic chemistry, comprising the equivalent of thirty weeks of instruction, with three hours of lectures or recitations a week and five to six hours of laboratory a week. This course should preferably include some qualitative organic analysis unless a special course in this subject is offered, and must include organic preparations work.
5. Advanced chemistry, comprising the equivalent of thirty weeks of instruction with two lectures or recitations a week and three to four hours of laboratory a week for fifteen weeks. This advanced chemistry may be in one or more of the following subjects—inorganic chemistry, analytical chemistry, physical chemistry, organic chemistry, biochemistry. Two full years of chemistry must be required for admission to such course or courses. For biochemistry, organic chemistry must be a prerequisite.
6. Physics, comprising the equivalent of thirty weeks of instruction with three lectures or recitations a week and three hours of laboratory a week. It is highly desirable to have more than one year of instruction in physics.
7. Mathematics, comprising the equivalent of two years of college work, which must precede the required course in physical chemistry, which must include one year of differential and integral calculus.
8. Foreign languages. A reading knowledge of scientific German is required. French or Spanish is advised as a second language.
9. English. One year of English composition, which should include the writing of some technical papers or reports, is required.
10. Humanities. At least the equivalent of one-half a student's time for one year must be devoted to the study of humanities, which may be interpreted as non-specialized courses other than in the physical sciences and mathematics. This is exclusive of the required English and languages.

Students specializing in chemistry should consult with the head of the department regarding requirements in mathematics and physics. The minimum requirement for a chemistry major is twenty-six semester hours.

11, 12. GENERAL INORGANIC CHEMISTRY.

Classroom three hours a week; laboratory, six hours a week. The laboratory during the last half of Chemistry 12 will consist of a study of the reactions of the various metals and their salts.

Throughout the year.

Credit per semester, four hours.

13, 14. GENERAL INORGANIC CHEMISTRY.

For students who have had preparatory chemistry. Prerequisites: one year of high school chemistry and one year of high school physics. Classroom, two hours a week; laboratory, six hours a week. The laboratory during the last half of Chemistry 14 will consist of a study of the reactions of the various metals and their salts.

Throughout the year.

Credit per semester, four hours.

31. QUALITATIVE ANALYSIS.

Classroom, two hours; laboratory, six hours. This course includes a discussion of the principles of analysis, having special regard to the theory of electrolytic dissociation and the law of mass action; basic and acid analysis of simple substances, and systematic analysis of unknown compounds, complex mixtures, and alloys.

First semester.

Credit, four hours.

32. QUANTITATIVE ANALYSIS. (Introductory course)

Classroom, two hours a week; laboratory, six hours a week. Prerequisites: Courses 11, 12, and 31. This course includes (a) Gravimetric Analysis, a study of the chemical balance in gravimetric methods of analysis, reactions, and theories of analytical chemistry; (b) Volumetric analysis, the calibration of burettes and pipettes; volumetric determination by precipitation, by neutralization, by oxidation and reduction; and the exact preparation and use of standard solutions.

Second semester.

Credit, four hours.

51, 52. ORGANIC CHEMISTRY.

Classroom, three hours a week; laboratory, six hours a week. This course includes a study of saturated and unsaturated aliphatic compounds, and the aromatic series compounds. The laboratory deals with synthetic preparations and includes some organic qualitative analysis. Prerequisite: Chemistry 31 or 32, preferably both.

Throughout the year.

Van Zyl. Credit per semester, five hours.

61. QUANTITATIVE ANALYSIS.

Classroom, one hour a week; laboratory, eight hours a week. This course includes the analysis of limestone, brass, steel, iron, nickel, manganese, and antimony ores, etc.

First semester.

Kleinheksel. Credit, three hours.

62. ORGANIC CHEMISTRY AND ULTIMATE ANALYSIS.

Lecture, reading and laboratory. Must be preceded by courses 11, 12, 31, 32 and 51.

Second semester.

Kleinheksel. Credit, three hours.

71, 72. ELEMENTARY THEORETICAL AND PHYSICAL CHEMISTRY.

Lecture and recitation. Chemistry 71 may be elected by premedical students with or without laboratory course Chemistry 73. A knowledge of Calculus is required for Chemistry 72.

Throughout the year.

Van Zyl. Credit per semester, three hours.

73, 74. PHYSICAL CHEMICAL MEASUREMENTS.

Preceded or accompanied by Chemistry 71 and 72.

Throughout the year.

Credit per semester, one or two hours.

75. HISTORY OF CHEMISTRY.

Lecture and recitation. Recommended for all students majoring in chemistry. Must be preceded or accompanied by course 51.

First semester.

Kleinheksel. Credit, one hour.

76. CHEMISTRY OF THE RARER ELEMENTS.

Lecture and literature research. Recommended for all students majoring in chemistry. Must be preceded or accompanied by course 52.

Second semester.

Kleinheksel. Credit, one hour.

81. ADVANCED ORGANIC CHEMISTRY.

Lecture and literature research. Advanced organic reactions and laboratory preparations. Laboratory four to eight hours.

Van Zyl. Credit, two or three hours.

86. TEACHING OF SCIENCE.

A special course in the methods of teaching science at the secondary school level. Emphasis throughout the course will be placed on the material and techniques to follow used in the teaching of Biology, Chemistry, and Physics.

Second semester.

Credit, two hours.

91. SPECIAL PROBLEMS.

This course is designed to give students majoring in chemistry a chance to do work in a field in which they have special interest. By special permission of Head of Department.

Both semesters.

Credit, by arrangement.

ASSISTING IN CHEMISTRY LABORATORY.

Upon the recommendation of the head of the department, a limited number of students who have done meritorious work are permitted to serve as laboratory assistants during their Junior or Senior year. A grade will be recorded on the transcript but no credit will be given toward graduation.

CLASSICAL LANGUAGES

The foreign language requirement for graduation may be met by the study of either Latin or Greek. For a complete statement of the foreign language requirement for graduation, consult page 44 of this catalog. For those planning to enter a theological seminary, Greek is usually required.

MAJOR: A major in Greek may be met by completion of 25 hours of course work within the department, including Greek 55. Majors must secure the consent of the department advisor for their course programs.

A major in Latin may be met by completion of 25 hours of course work in the department, including Latin 71. Those who plan to enter teaching are also required to take Latin 72. In addition, majors must elect History 70, History of Rome.

GREEK

Dr. Dykstra

11, 12. ELEMENTARY GREEK.

The introductory study of the Greek language. Attention is given to the structure of the Greek language in order to give the student a new appreciation of what language is. Grammar and translation.

Throughout the year.

Credit per semester, four hours.

31, 32. INTERMEDIATE GREEK.

First semester: readings from various Attic sources. Survey of Attic literature. Word-studies and enlargement of vocabulary. Second semester: reading from Plato's Apology and Phaedo.

Throughout the year.

Credit per semester, three hours.

51. READING OF SELECTIONS FROM GREEK ORATORS.

Survey of Greek Orations. Prerequisite: two years of Greek.

First semester.

Credit, two hours.

52. READING OF SELECTIONS FROM GREEK COMEDY.

May be taken independently of Course 51. Prerequisite: two years of Greek.

Second semester.

Credit, two hours.

55. GREEK LITERATURE IN TRANSLATION.

A course designed to inspire appreciation of the varied treasures of Greek literature. No knowledge of the Greek language is required. This course is open to all students and is especially recommended for English and History majors.

Second semester.

Credit, three hours.

71. READING OF SELECTIONS FROM GREEK TRAGEDY.

First semester.

Credit, two hours.

72. READING OF SELECT PASSAGES FROM HOMER,

and review of Homeric literature.

Second semester.

Credit, two hours.

LATIN

Mr. Wolters

11. 12. ELEMENTARY LATIN.

The elements of grammar, reading, some study of English derivations, and an attempt to make the student aware of cultural implications.

Throughout the year.

Credit per semester, four hours.

31, 32. SELECTED READINGS FROM THE PERIOD OF CAESAR AND CICERO.

Course 31 should normally follow two years of high school Latin.

Throughout the year.

Credit per semester, four hours.

51. READINGS FROM VIRGIL

and other writers of the Augustan period.

First semester.

Credit, three hours.

52. LATIN OF THE CHURCH FATHERS.

Second semester.

Credit, three hours.

53. MEDIEVAL LATIN.

Material from various writers of the time when Latin was the universal language of culture.

First semester.

Credit, two hours.

54. ROMAN PHILOSOPHY.

Readings from Latin philosophical writings.

Second semester.

Credit, two hours.

55. LATIN LITERATURE IN TRANSLATION.

This course seeks to give an appreciation of the varied literary treasures of the Romans. No knowledge of the Latin language is required. This course is open to all students.

First semester.

Credit, two hours.

71. SURVEY OF LATIN LITERATURE.

Designed to be a rapid comprehensive survey of national or classical Roman literature. Required of students who desire a teaching major in Latin or who plan to go into graduate work.

First semester.

Credit, three hours.

72. LATIN WRITING AND TEACHING.

Intended especially for those who plan to teach Latin. Required of teaching majors.

Second semester.

Credit, two hours.

HISTORY OF ROME. See History 70.

ECONOMICS AND BUSINESS ADMINISTRATION

Courses in the combined Department of Economics and Business Administration are allocated below under the two respective fields. Students may qualify for a major in either economics or business administration separately, but not in economics and business administration combined. The program for a major in economics requires a minimum of thirty semester hours in economics; hours earned in the accounting courses, Business Administration 31 and 32, may be included in this total. For a major in business administration, a minimum of twenty-seven semester hours in business administration is required and, in addition, a minimum of eighteen semester hours from courses in economics that are prerequisite or supplemental to the course offerings in business administration. In majoring in either field, the student must include Principles of Accounting (six semester hours) and Economic Statistics (four semester hours) or their equivalents among his course elections. The program of study for a major in either of the two fields must meet with the approval of department advisors. See page 116 for suggested curricula.

A — COURSES IN ECONOMICS**31, 32. PRINCIPLES OF ECONOMICS.**

A general introduction to economic principles, concepts, and problems covering two semesters of study. Prerequisites: For 31, Sophomore standing, and for 32, completion of 31 or consent of instructor.

Throughout the year. *Yntema*. Credit per semester, three hours.

51. MONEY AND BANKING.

Survey of the country's monetary and banking system including study of money and prices, commercial banks and the Federal Reserve System, monetary standards, and credit control. Prerequisites: Economics 31, 32.

First semester.

Yntema. Credit, three hours.

57. AMERICAN ECONOMIC DEVELOPMENT I.

A general survey of economic development in the United States, stressing interpretative study. This course is concerned mainly with the evolving economic conditions and institutions of the 19th Century. Prerequisites: Economics 31, 32.

First semester.

Credit, two hours.

58. AMERICAN ECONOMIC DEVELOPMENT II.

Continuing course 57, this course deals with economic developments of the 20th Century. Prerequisites: Economics 57, or in special cases, consent of instructor.

Second semester.

Credit, two hours.

61. ECONOMIC STATISTICS.

Introductory study of statistical methodology basic to economic and business analyses. Topics include tables and graphs, analysis of central tendency and dispersion, index numbers, sampling, time series, and simple correlation. Prerequisites: Economics 31, 32.

First semester.

Yntema. Credit, four hours.

71. ECONOMIC ANALYSIS.

A systematic account of economic analysis for advanced students, concentrating on questions of market price determination, distribution, economics of the individual firm, monopoly and imperfect competition, consumption, and the theory of capital. Prerequisites: Economics 31, 32.

First semester.

Yntema. Credit, three hours.

72. BUSINESS CYCLES.

A study of the nature and causes of business cycles with emphasis on alternative explanations and analysis of proposed methods of control. Prerequisites: Economics 61, or consent of instructor. Alternate years, 1949-1950.

Second semester.

Yntema. Credit, three hours.

74. INTERNATIONAL TRADE.

A survey of the field of international trade relations with special attention given to fundamental theory and present commercial policy and practice. Prerequisite: Economics 31, 32. Alternate years, 1950-1951.

Second semester.

Yntema. Credit, three hours.

76. PUBLIC FINANCE.

An introduction to principles, practices and problems of public finance—Federal, state and local, covering revenues and expenditures, taxation theory and practice, public debts, and budgeting. Prerequisites: Economics 31, 32.

Second semester.

Yntema. Credit, three hours.

B — COURSES IN BUSINESS ADMINISTRATION**31, 32. PRINCIPLES OF ACCOUNTING.**

A comprehensive introduction to accounting methods and applications covering two semesters of study. Two hours of lecture and discussion and one two-hour laboratory. Prerequisites: For 31, Sophomore standing and for 32, satisfactory completion of 31.

Throughout the year. *Weller.* Credit per semester, three hours.

51. BUSINESS ORGANIZATION.

The free enterprise system in operation with emphasis on the role of the enterpriser in expanding economic activity. Coming under review are the capitalistic system as such and principles for intelligent appraisal of public policies as to taxation, maintenance of competition, prices, and labor relations. Prerequisites: Economics 31, 32 or consent of instructor.

First semester.

Weller. Credit, three hours.

52. BUSINESS MANAGEMENT.

The principles and problems of business management. Among topics considered are organization, production development and control, plant location, employee and public relations; inspection, safety, and budgets. Prerequisites: Business Administration 51, or consent of instructor.

Second semester.

Weller. Credit, three hours.

54. BUSINESS LAW.

A survey of business law, stressing contracts and including an introduction to sales, agency, negotiable instruments, and partnerships and corporations. Prerequisite: Economics 31, 32.

Second semester.

Credit, three hours.

61. MARKETING PRINCIPLES.

Study of the distributive process and marketing problems, covering functions, institutions, methods, commodity marketing, merchandising, and prices and competition. Prerequisites: Economics 31, 32.

First semester.

Credit, three hours.

62. MARKETING PROBLEMS.

Attention is turned to representative problems in this field and to policies and techniques best suited to their solution. Prerequisite: Business Administration 61.

Second semester.

Credit, three hours.

65. COST ACCOUNTING PRINCIPLES.

An introduction to the subject matter of cost accounting with particular attention given the objectives and methods of allocating costs. In familiarizing the student with the forms necessary to cost accounting, this course stresses managerial uses of computations and bookkeeping procedure. Prerequisites: Business Administration 31, 32, and Economics 31, 32.

First semester.

Credit, three hours.

66. INTERMEDIATE ACCOUNTING.

This course provides a continuation of the study of accounting theory and practice at the intermediate level. Chief attention centers on the asset items of the balance sheet, including analysis and evaluation of alternative procedures as well as appraisal of ratios between balance sheet items. Prerequisite: Business Administration 31, 32.

Second semester.

Credit, three hours.

72. FINANCE PRINCIPLES.

Study of the principles of financial operations in business with emphasis on the smaller enterprise. Different methods of organizing, raising funds, expanding, and reorganizing are analyzed and compared. Prerequisite: Economics 51 and Business Administration 31, 32.

Second semester.

Weller. Credit, three hours.

73. PERSONNEL ADMINISTRATION.

A study of personnel principles from the standpoint of function, methods, and organization as used in practice by business. Prerequisites: Business Administration 52 and Economics 52, or consent of instructor.

First semester.

Credit, three hours.

82. INSURANCE.

A survey of insurance principles and their applications to the various branches of the field, with attention also given risk-bearing as such, public supervision, and social insurance. Prerequisites: Economics 31, 32 and consent of instructor.

Second semester.

Credit, three hours.

84. REAL ESTATE.

Study of real estate fundamentals, covering economic and legal characteristics and the effective functioning of persons who deal in or manage real estate. Prerequisite: Economics 31, 32 and consent of instructor.

By special arrangement only.

Credit, two hours.

EDUCATION

The courses offered in this department are intended to prepare teachers for elementary and secondary schools. Arrangements have been made with the public schools of the city of Holland for student teaching, which is required of all candidates for teacher certification.

A "C" average is required of all candidates for a teacher certificate.

Special efforts are put forth by the placement office to secure positions for graduates who have proven aptitude for teaching, but the college does not guarantee to place students in positions. The right is reserved to withdraw students from student teaching for cause at any time, and also to withhold recommendations for positions.

MICHIGAN CERTIFICATION LAWS

1. The State Elementary Provisional certificate may be issued to a candidate who has been graduated with a Bachelor's degree and who has met a curriculum for elementary teachers approved by the State Board of Education in an institution approved by the State Board of Education for teacher training purposes.

This certificate qualifies the holder to teach for a period of five years from the date of issue, in the elementary grades in any public school in the State of Michigan.

Renewal of this Provisional certificate may be made by application through the sponsoring institution within one year from the date of expiration of the certificate, if the candidate has taught successfully for three years within the five-year period and has completed ten semester hours of additional credit. If the holder of this certificate is not actively engaged as a teacher for a period of five consecutive years, the certificate is automatically suspended.

2. The State Secondary Provisional certificate may be issued to a candidate who has been graduated with a Bachelor's degree and who has met a curriculum for secondary teachers approved by the State Board of Education in an institution approved by the State Board of Education for teacher training purposes.

This certificate qualifies the holder to teach for a period of five years from the date of issue, in the secondary grades of Michigan public schools in the subjects or subject fields indicated on the certificate.

Renewal of this Provisional certificate may be made by application through the sponsoring institution within one year from the date of expiration of the certificate, if the candidate has taught successfully for three years within the five-year period.

The candidate must have earned ten additional semester hours of residence credit in an approved institution, preferably in partial fulfillment for a Master of Arts degree.

If the holder of this certificate is not actively engaged as a teacher for a period of five consecutive years, this certificate is automatically suspended.

REQUIREMENTS FOR SECONDARY TEACHER CERTIFICATION

1. Satisfy the requirements for the A. B. degree at Hope College.
2. General Psychology (31) is prerequisite to all courses in education.
3. Complete twenty hours of Education courses, which must include the following courses in the department of Education: 51, 52, 55, 56, 71 and 83.
4. Complete a major and two minors. (The Michigan Teacher Certification Code defines a major as consisting of a minimum of twenty-four hours in one department, and a minor a minimum of fifteen hours.) Education may not be included among the majors and minors.

REQUIREMENTS FOR ELEMENTARY TEACHING CERTIFICATE

1. Satisfy the requirements for the A. B. degree from Hope College.
2. Complete twenty hours in Education, including courses 51, 52, 53, 54 and 81 in the department of Education.
3. Complete four minors or one major and two minors. (The major shall consist of twenty-four hours in one Department, other than Education and the minor of fifteen hours. The composite major required for college graduation may be broken down into two minors for certification purposes.
4. General Psychology (31) and Introduction to Sociology (31) are prerequisites to all courses in education.
5. The following courses must be taken unless exemption is granted by the head of the Education department: Elementary Public School Music (Music 56), Public School Health (Biology 52), Teaching the Social Studies (Education 78) and Public School Art (Art 77).
6. The following courses are recommended: Teaching Physical Education in the Elementary School (Physical

Education 75) and Teaching Arithmetic in the Elementary School (Education 77).

7. To meet the eight-hour science requirement for graduation, biology is preferred.

51. HISTORY AND PHILOSOPHY OF EDUCATION.

Attention is given to those historical agencies and factors which have influenced the educational progress of the various peoples. Emphasis is laid upon the aims, methods, content, organization and results. Studies are also made of the changing philosophies of education.

First semester.

Credit, three hours.

52. EDUCATIONAL PSYCHOLOGY.

This course deals with the growth and development of childhood in all its phases, but with special stress on mental development. Careful study is made of the learning process with the implications for teaching and guidance.

Second semester.

Credit, three hours.

53. PRINCIPLES OF TEACHING IN THE ELEMENTARY SCHOOL.

A study of learning, misconceptions of learning, the nature of the learner and the characteristics of teaching; a comparison of the modern and traditional school in terms of philosophy of teaching and classroom methods; problems relating to the improvement of assignments, study and recitation; the preparation of lesson plans; the improvement of teaching techniques and classroom management.

First semester.

Credit, three hours.

54. LANGUAGE DEVELOPMENT IN THE ELEMENTARY SCHOOL.

A study of the objectives, materials, methods, appraisal of readiness, diagnostic and corrective practices in the teaching of reading; methods and materials for the teaching of oral and written language and spelling; an overview of children's literature.

Second semester.

Credit, three hours.

55. THE AMERICAN PUBLIC SECONDARY SCHOOL.

This course aims to acquaint the student with the history and development of the American high school, its aims, courses, methods of instruction, organization, administration, evaluation of subjects, pupil characteristics, social problems, and other fundamentals essential to students of secondary education.

First semester.

Vander Borgh. Credit, three hours.

56. GENERAL METHODS AND MATERIALS FOR HIGH SCHOOL TEACHING.

This course is intended to acquaint the prospective high school teacher with general class procedures which are applicable to a variety of subjects. Special consideration is given to instructional planning, directing study, school discipline, educational aims, audio-visual aids, etc. (Education 52 and 56 may be taken separately or as an integrated course for five hours credit.)

Second semester.

Vander Borgh. Credit, two hours.

64. TESTS AND MEASUREMENTS.

An introduction to the interpretation and construction of tests. The student will be introduced to the more commonly used tests of intelligence, achievement, interests and aptitude, and will be required to construct an achievement test in the subject matter field of his choice. Same as Psychology 64.

Second semester.

Credit, two hours.

71. PROBLEMS OF SECONDARY SCHOOL TEACHING.

This course is planned for senior students who are now doing their student teaching. The purpose is to consider the specific problems and difficulties arising out of the student teaching experiences in order that the prospective teacher may acquire greater skill in dealing with these situations.

Both semesters.

Credit, two hours.

73. SECONDARY VOCAL METHODS.

Same as Music 73.

First semester.

Credit, two hours.

74. SECONDARY INSTRUMENTAL METHODS.

Same as Music 74.

Second semester.

Credit, two hours.

75. TEACHING PHYSICAL EDUCATION IN THE ELEMENTARY SCHOOL.

Same as Physical Education 75.

First semester.

Credit, two hours.

76. TEACHING PHYSICAL EDUCATION IN THE SECONDARY SCHOOL.

Same as Physical Education 76.

Second semester.

Credit, two hours.

77. TEACHING ARITHMETIC IN THE ELEMENTARY SCHOOL.

Presents modern methods of making arithmetic meaningful to the elementary child, and a survey of materials.

First semester.

Credit, two hours.

78. TEACHING SOCIAL STUDIES IN THE ELEMENTARY SCHOOL.

Principles and problems of social living with the application to the elementary school child, including materials and methods of social studies units. A discussion of geography and history as separate subjects is also included.

Second semester.

Credit, two hours.

79. ELEMENTARY PUBLIC SCHOOL MUSIC METHODS.

Same as Music 56.

Second semester.

Credit, two hours.

81. PRACTICE TEACHING IN THE ELEMENTARY SCHOOL.

Practice teaching, supervised by the Department of Education, is maintained in cooperation with the Holland Public Schools.

Both semesters.

Credit, eight hours.

83. PRACTICE TEACHING IN THE SECONDARY SCHOOL.

Practice teaching, supervised by the Department of Education, is maintained in cooperation with the Holland Public Schools.

Both semesters.

Credit, five hours.

84. TEACHING OF MODERN LANGUAGES.

Same as French 84, German 84, and Spanish 84.

Second semester.

Credit, two hours.

85. SOCIAL STUDIES METHODS.

Same as History and Political Science 85.

First semester.

Credit, two hours.

86. TEACHING OF SCIENCE.

Same as Biology 86, Chemistry 86, and Physics 86.

Second semester.

Credit, two hours.

87. TEACHING OF ENGLISH.

Same as English 73.

First semester.

Credit, two hours.

89. METHODS OF TEACHING MATHEMATICS.

Same as Mathematics 71.

First semester.

Credit, two hours.

SPECIAL METHODS COURSES are offered in several departments, credit for which, to the extent of two hours, will be allowed in education. Only one such course will receive credit in education within the 20 hours required for the certificate.

ENGLISH

The courses in the English department may be classified under the headings of composition and literature.

All students are required to take six hours of composition and six hours of literature. Courses 11 and 12 in composition and courses 31 and 32 in literature are intended to meet these basic requirements. These courses are all prerequisite to all courses in composition and literature numbered above 50. Exceptions or substitutions are allowed only by permission from the chairman of the department. Students who demonstrate high proficiency in the mechanics of composition in their entrance tests are excused from 11. The composition requirement is then met by English 12 and 14.

Students who have completed the required six hours of composition and the six hours of literature with a C grade may apply for admission as English majors at the close of the sophomore year. To graduate as an English major it is necessary to have a minimum of thirty hours in English exclusive of such courses as are described in the catalog as not counting toward a major. The program carried for a major in English must be approved by the head of the department.

For those planning to go to graduate school it is desirable to build up a total of between 40 and 45 hours in English. These students are also to remember that a reading knowledge of French, German or Spanish is usually required for an M. A. degree and a reading knowledge of two is required for a Ph. D. degree.

Those planning to teach English in secondary schools are required to take English 73, and they are advised to take at least four additional hours of composition, six additional hours in speech, and the survey courses in American and English literature.

Those planning to teach in elementary school are required to take Education 54. They are advised to include courses that will give them a broad preparation in grammar, composition, reading, literature and speech.

11. FRESHMAN COMPOSITION.

Review of the fundamentals of grammar, punctuation, diction, usage, sentence structure, and paragraphing with some expository writing and practice in business correspondence.

Both semesters.

Credit, three hours.

12. FRESHMAN COMPOSITION.

Practice in expository writing, including special drill in the planning and writing of the term paper.

Both semesters.

Credit, three hours.

14. FRESHMAN COMPOSITION.

Required of all who have been excused from English 11 and open to all who have had English 11 and 12.

Both semesters.

Credit per semester, three hours.

15. READING FOR COMPREHENSION.

The purpose of the course is to give training in basic skills in comprehension and improvement in the techniques of study.

First semester.

Ten Hoor. Credit, two hours.

16. READING FOR APPRECIATION.

The course provides exercises in the reading of various types of literature to help in the discovery of literary values.

Second semester.

Ten Hoor. Credit, two hours.

31. INTRODUCTION TO LITERATURE.

Masterpieces in English Literature. About six of the classics of English literature, each one representative of a different type, are studied intensively to furnish first-hand experience with famous titles in the literary repertoire.

First semester.

Credit, three hours.

32. INTRODUCTION TO LITERATURE.

Masterpieces in Foreign Literature. A continuation of 31, covering representative titles from Greek, Medieval, and Modern European literature in translation.

Second semester.

Credit, three hours.

37. THE AMERICAN NOVEL.

A study of representative novels taken from nineteenth and twentieth century American authors. Not open to Freshmen.

First semester.

Prins. Credit, two hours.

38. THE SHORT STORY.

A literature course involving the study of representative American and European short stories.

Second semester.

Brand. Credit, two hours.

51. BUSINESS ENGLISH.

Study of the various forms of business correspondence. Recommended for all who plan to major in business administration. Not to be counted toward an English major.

First semester.

Brand. Credit, two hours.

52. BUSINESS ENGLISH.

Study of business report writing. Recommended for all who plan to major in business administration. Not to be counted toward an English major. 51 is recommended but not required for admission.

Second semester.

Brand. Credit, two hours.

53. ADVANCED COMPOSITION.

Students in conjunction with the teacher may choose a field of writing in line with their own particular interests. Prerequisites: English 12 and 14, or their equivalents.

First semester.

Credit, two hours.

54. CREATIVE WRITING.

Of special interest to those who wish to cultivate the literary forms of writing. 53 is recommended but not required for admission. Limited to those approved by the instructor.

Second semester.

Credit, two hours.

55. SHAKESPEARE: HISTORIES AND COMEDIES.

A study of the most important comedies and Henry IV, Parts I and II. The treatment is chronological with an emphasis on Shakespeare's development as a comic dramatist.

First semester.

Ten Hour. Credit, two hours.

56. SHAKESPEARE: TRAGEDIES.

A chronological study of the most important tragedies emphasizing the evaluation of Shakespeare's genius as a tragic dramatist.

Second semester.

Ten Hour. Credit, two hours.

57. ROMANTIC POETRY.

A study of the English poetry produced during the Romantic period from 1750 to 1832. Attention is given chiefly to Wordsworth, Coleridge, Byron, Shelley, Keats.

First semester.

De Graaf. Credit, two hours.

58. VICTORIAN POETRY.

A study of the English poets between 1832 and 1900 with major emphasis on Tennyson and Browning.

First semester.

Billups. Credit, two hours.

59. VICTORIAN PROSE.

A study of the prose essays of Carlyle, Ruskin, Macaulay, Huxley, and Arnold and minor emphasis on the English novelists between 1832 and 1900.

Second semester.

Billups. Credit, two hours.

62. THE ENGLISH NOVEL.

A study of the development of the English novel.

Second semester.

Snow. Credit, two hours.

63. DEVELOPMENT OF THE DRAMA TO IBSEN.

A survey of the Greek and Roman drama, the miracle, mystery, and morality plays, Elizabethan drama, and the drama of the eighteenth and nineteenth centuries.

First semester.

Snow. Credit, three hours.

64. CONTEMPORARY DRAMA.

A study of Ibsen and the contemporary drama of America and Europe.

Second semester.

Snow. Credit, three hours.

65. SURVEY IN AMERICAN LITERATURE.

From the colonial period to 1865. Recommended especially for those who plan to enter teaching.

First semester.

Hollenbach. Credit, three hours.

66. SURVEY IN AMERICAN LITERATURE.

From 1865 to the contemporaries. 65 is recommended but not required for admission. Recommended for prospective teachers.

Second semester.

Hollenbach. Credit, three hours.

72. JOHN MILTON.

A study of *Paradise Lost*, *Paradise Regained*, *Samson Agonistes* and the minor poems.

Second semester.

De Graaf. Credit, two hours.

73. TEACHING OF ENGLISH.

A review of English grammar, with emphasis on the teaching of it. Readings, observations and demonstrations in the teaching of composition and literature in the secondary schools. Required for "special methods" credit for those applying for the secondary certification in English. Not to be counted toward an English major.

First semester.

De Graaf. Credit, two hours.

81, 82. SURVEY OF ENGLISH LITERATURE.

A chronological survey of the trends and types of English literature with a standard anthology as text and a history as supplementary reading. Required of all English majors.

Throughout the year. *De Graaf.* Credit per semester, three hours.

HISTORY AND POLITICAL SCIENCE

The study of history and political science is a matter of vital importance to people everywhere and particularly for the men and women active in a democracy and preparing for fuller participation in citizenship in the modern world. The educated person must know what lies behind the issues of today; he must know the avenues through which and by which he may exercise his rights and carry out his responsibilities most effectively. Therefore every student is urged to carry more than the basic courses in this area. He should elect as much history and political science as time will permit.

MAJOR: History and political science courses are offered in several fields. Beyond two years of basic courses, History 11, 12 or History 13, 14, and History 33 and 34, the major student should select a minimum of seventeen semester hours numbered above 50. A minimum of thirty-two hours is required for a major. It is recommended that these be from as many fields as possible. The course program of each major must receive the approval of the departmental advisor. All majors should secure approval by written application to the department head at the beginning of his junior year. Three semester hours in French 55, German 55, or Spanish 55 may be counted toward a history major.

Students planning to enter public school teaching may follow the program for a history and political science major or, preferably, the program for the teaching major in the social studies. (See page 123).

A. HISTORY

11. HISTORY OF EUROPE, 1500-1815.

A study of the growth and struggle of national states and powers, and the attending effects. An introductory course, not open to those who have taken History 13 and 14.

First semester.

Credit, three hours.

12. HISTORY OF EUROPE, 1815 TO PRESENT.

A study of the development of modern states and their governments, the rise of democracy, the World Wars and the post-war problems, as time permits. Should be carried as sequence to course 11. Not open to those who have taken History 13 and 14.

Second semester.

Credit, three hours.

13. 14. HISTORY OF CIVILIZATION.

This course aims to aid the student in his reach for explanations and syntheses relating to problems in the contemporary world by means of a search through the ages for the roots and developments. With the close interplay in today's world, emphasis is put on the contributions of other groups and nations as well as upon European and American. In this course the ways in which history and geography have acted and are acting as aids or blocks to institutions and ideas are stressed in viewing world problems today and in the future. Not open to those who have taken History 11, 12.

Throughout the year.

Credit per semester, three hours.

33. HISTORY OF THE UNITED STATES (1492-1865).

This is a survey course in which casual relations are emphasized. Special study is made of social, economic, and constitutional development, and sectional problems. Open to sophomores. (Freshmen may enter only as special cases.)

First semester.

Credit, three hours.

34. HISTORY OF THE UNITED STATES (1865-1945).

Second portion of the survey course in American History. Emphasis is placed on industrial, labor and agricultural problems, domestic and foreign policies, and economic and social legislation. Open to sophomores. (Freshmen may enter only special cases.)

Second Semester.

Credit, three hours.

47. WORLD NEWS OF THE WEEK.

Open only to freshmen and sophomores. Majors and upperclassmen interested in contemporary problems should enroll in History 84.

First semester.

Ross. Credit, two hours.

51. CULTURAL HISTORY OF THE EARLY MEDITERRANEAN.

A study of the art, architecture, literature, science and religion, together with the social phases of man's development, from the early Egyptian and Babylonian history through the Roman period. Special emphasis is placed upon Greek institutions and culture. Alternate years, 1950-1951.

First semester.

Ross. Credit, three hours.

52. CULTURAL HISTORY OF THE MIDDLE AGES.

A study of the development in education, literature, religion, art, science through the Renaissance and Reformation. Alternate years, 1950-1951.

Second semester.

Ross. Credit, three hours.

53. HISTORY OF HISPANIC-AMERICA: COLONIAL PERIOD.

A study of the early native cultures and colonization of Central America and South America. Alternate years, 1949-1950.

First semester.

Ross. Credit, three hours.

54. HISTORY OF HISPANIC-AMERICA: NATIONAL PERIOD.

A study of the social, cultural, economic, and political growth of the various countries, with special emphasis upon their relationship to hemispheric problems. Alternate years, 1949-1950.

Second semester.

Ross. Credit, three hours.

55. HISTORY OF ENGLAND.

A study of the social, cultural, economic, political and constitutional history of England from Roman times to the period of Queen Victoria. Alternate years, 1950-1951. Recommended prerequisite: History 11, 12, or 13, 14.

First semester.

Visser. Credit, three hours.

56. HISTORY OF ENGLAND.

A study of English history from the period of Queen Victoria, emphasizing English imperialism, problems of foreign and domestic policy, and the Commonwealth. Prerequisite: History 55. Alternate years, 1950-1951.

Second semester.

Visser. Credit, three hours.

57. AMERICAN DIPLOMACY AND FOREIGN RELATIONS.

A study of the relations of the United States with other powers from the Revolutionary War to the present. Shifting of the interpretation of the Monroe Doctrine and the growth of various policies since 1898 are traced into present policies and problems. Prerequisite: History 33, 34.

First semester.

Hawkinson. Credit, three hours.

58. RECENT AMERICAN HISTORY.

A study of economic, social and political problems facing the United States since 1900. Special emphasis on discussion of critical problems due to growth of big business, domestic and foreign trade, expansion and world problems. Prerequisite: History 34.

Second semester.

Visser. Credit, three hours

59. ENGLISH CONSTITUTIONAL HISTORY.

Same as Political Science 59. (Can be credited either as history or political science.)

First semester.

Visser. Credit, three hours.

61. AMERICAN CONSTITUTIONAL HISTORY.

Same as Political Science 61. (Can be credited either as history or political science.)
Alternate years, 1951-1952.

Second semester.

Credit, three hours.

62. HUMAN GEOGRAPHY.

A course in the study of human society in relation to the earth background. The purpose of the course is to familiarize the student with the earth as the home of man, and man's adjustment to his natural environment so that the study may develop an intelligent and informed awareness of the limitations and potentialities of all peoples in their relation to geographic factors.

First semester.

Ross. Credit, two hours.

63. POLITICAL GEOGRAPHY.

A study of geographic factors in determining political boundaries, centers, pressures, powers, etc.

Second semester.

Ross. Credit, three hours.

64. INTERNATIONAL RELATIONS.

Same as Political Science 64. (Can be credited either as history or political science.)

Second semester.

Credit, three hours.

65. HISTORY OF THE WEST.

A course emphasizing the influence and contributions of the frontier in American History to the development of American institutions, philosophy, economy and foreign policy.

First semester.

Visser. Credit, three hours.

66. WORKSHOP IN INTERNATIONAL RELATIONS.

Same as Political Science 66.

Second semester.

Credit, two hours.

67. THE DEVELOPMENT OF EUROPE, 1648-1870.

A study of the Age of Louis XIV, the French Revolution, the Industrial Revolution, the Revolutions of 1830 and 1840, and the growth of imperialism. Recommended prerequisite: History 13, 14 or 55, 56. Student with two years of World History may elect this course. Alternate years, 1949-1950.

First semester.

Ross. Credit, three hours.

68. THE DEVELOPMENT OF EUROPE, 1870-1918.

A study of the continued rise of European imperialism with special emphasis upon the social, economic, political, and philosophical differences which led to World War I. Prerequisite: History 67. Alternate years, 1950-1951.

Second semester.

Ross. Credit, three hours.

70. HISTORY OF ROME.

From early times to about 476 A.D. An attempt to interpret the political history in the light of social, economic, and religious movements.

Second semester.

Wolters. Credit, three hours.

71. EUROPE SINCE 1918.

A study of the social, political, economic, and ideological development of the period between world wars; Hitler's plan for world domination; post-war developments; and organization for the preservation of world peace.

First semester.

Credit, three hours.

74. HISTORY OF THE FAR EAST.

A study of the peoples and culture of India, China, Japan, French Indo-China, and Indonesia and of their relationships to the western world. Alternate years, 1950-1951.

Second semester.

Ross. Credit, three hours.

76. RUSSIAN HISTORY.

A study of the Russian internal and external policies with their geographic, economic, and political backgrounds. This course will emphasize the roots of the present situation. Alternate years, 1951-1952.

Second semester.

Visser. Credit, three hours.

81. STUDIES IN EUROPEAN HISTORY.

An advanced course in European history. The field of concentration will be decided by the instructor. Work will consist of readings, reports and a paper. Prerequisite: History 67, and 68 or 71. On demand.

Second semester.

Ross. Credit, two hours.

82. STUDIES IN AMERICAN HISTORY.

An advanced seminar course considering three or four major conditions affecting American history, philosophy, and writing, such as the frontier, transcendentalism, the gospel of wealth, and the New Deal. This course will be offered by members of several departments who will largely utilize source materials and synthesize new and former work in round-table discussions. Prerequisite: History 33, 34. Enrollment limited.

Second semester.

Hawkinson and Staff. Credit, two hours.

84. CONTEMPORARY PROBLEMS.

This course is an intensive study of selected major world problems for majors, juniors and seniors. Prerequisites. History 11, 12 or 13, 14; and two in American History field.

Second semester.

Ross. Credit, three hours.

85. SOCIAL STUDIES METHODS.

A special course in the methods and materials in teaching the social studies at the junior and senior high school levels. Emphasis is on studies of procedures, curricular practices in various systems, teaching aids, trends, preparation of resource and teaching units, evaluation, etc. A curriculum laboratory is being built up in the library to aid teachers through new materials.

First semester.

Hawkinson. Credit, two hours.

B. POLITICAL SCIENCE**31. NATIONAL GOVERNMENT.**

A study of the national government from its origins through its development to the present with emphasis on procedure and practical governmental problems.

First semester.

Vanderbush. Credit, three hours.

32. STATE AND LOCAL GOVERNMENT:

A study of the procedures of government in all the states with special reference to Michigan. Local government is studied with its various functions and applications.

Second semester.

Vanderbush. Credit, three hours.

52. POLITICAL PARTIES AND ELECTORAL PROBLEMS.

A study of political parties, their history and how they operate, and of the conduct and problems of elections.

Second semester.

Credit, three hours.

57. AMERICAN DIPLOMACY AND FOREIGN RELATIONS.

Same as History 57. (Can be credited either as history or political science.)

First semester.

Credit, three hours.

59. ENGLISH CONSTITUTIONAL HISTORY.

A study of the growth of English government and law. Alternate years, 1951-1952.

First semester.

Visser. Credit, three hours.

61. AMERICAN CONSTITUTIONAL HISTORY.

A study of the background of the constitution of the United States, the work of the Federal Convention of 1787, and the changes in the constitution as a result of Supreme Court decision. Written and oral reports required. Alternate years, 1949-1950.

Second semester.

Hawkinson. Credit, three hours.

64. INTERNATIONAL RELATIONS.

The development of international law, machinery, and systems is studied. Emphasis is on the operation of the agencies for international relations on the problems of the world today.

Second semester.

Hawkinson. Credit, three hours.

66. WORKSHOP IN INTERNATIONAL RELATIONS.

A course of research and public presentation to be offered through cooperation of several staff members. The course will consider the needs, the agencies, and the work of world organizations on world problems for promoting better world conditions and understanding. Emphasis will be placed on community service by these students.

Second semester.

Hawkinson. Credit, two hours.

LIBRARY SERVICE

The curriculum in Library Service is offered to meet the increased demands for teacher-librarians who give part time to teaching and part time to supervision of the school library. The courses are open to juniors and seniors and will be offered whenever there is sufficient demand for them. The election of courses in library service must be approved by the librarian. The following basic courses will be offered during the regular semester of alternate years. In order to complete a minor in this field it will be necessary to take courses offered in the summer session at this college or at some other.

52. CLASSIFICATION AND CATALOGING.

Introduction to the principles and methods of classifying and cataloging the book collection. Classifying by the Dewey Decimal system, assigning subject headings, planning a dictionary catalog, filing catalog cards, and adapting Library of Congress cards to the needs of the school library are included. Alternate years, 1950-1951.

Second semester.

Credit, two hours.

53. SELECTION OF LIBRARY MATERIALS.

Building the book collection through effective use of sources for securing books, periodicals, government publications, and other teaching and library materials. Alternate years, 1950-1951.

First semester.

Credit, two hours.

54. READING GUIDANCE.

Study of reading interests of high school students and of the fields of literature that will satisfy those interests; reading of a wide variety and range of books; investigation of methods of developing appreciation and of motivating reading interests. Alternate years, 1949-1950.

Second semester.

Credit, two hours.

71. REFERENCE BOOKS AND THEIR USE.

Functions of reference service in the school library and types of reference books needed; examination, evaluation and use of the most important reference books. Alternate years, 1949-1950.

First semester.

Credit, two hours.

73. ORGANIZATION AND ADMINISTRATION OF THE SCHOOL LIBRARY.

Functions of the high school library in the school program; its objectives and responsibilities; organization of various types of teaching materials for effective use. Alternate years, 1949-1950.

First semester.

Credit, two hours.

75. LIBRARY OBSERVATION AND PRACTICE.

Supervised practice in one of the libraries of the Holland Public School system and observation of other types of libraries. Prerequisite: Eight hours of Library Service courses. Credit granted only upon completion of a minor in library service.

Both semesters.

Credit, three to five hours.

MATHEMATICS

The courses in Mathematics are offered not only for those definitely majoring in the department or intending to use it as a tool in their applied fields, but also for those who desire them as a part of their general education. Thoroughness rather than multiplicity of courses is emphasized.

High School Prerequisites: All regular Freshman courses require for admission one and one-half years of high school algebra and one year of plane geometry. Those entering with only one year of algebra should take the course in Intermediate Algebra.

Major: Those who intend to major in Mathematics should take courses 13, 14 (or 15), 16, 31, and 51 and, in addition, two courses selected from courses 52, 53, 61, and 81. College Physics is required. The courses through 51 are required as a minimum. For completion of major, check with the Chairman of the Department.

11. INTERMEDIATE ALGEBRA.

Prerequisites: One year of High School Algebra and one year of Plane Geometry. Not to be counted towards a major in Mathematics.

Both semesters.

Credit, three hours.

12. SOLID GEOMETRY.

Prerequisites: One year of Plane Geometry and one year of High School Algebra.

First semester.

Credit, two hours.

13. COLLEGE ALGEBRA.

Prerequisites: One and one-half years of High School Algebra or course 11, and one year of Plane Geometry.

Both semesters.

Credit, three hours.

14. PLANE TRIGONOMETRY.

Prerequisites: One and one-half years of Algebra and one year of Plane Geometry.
Both semesters. Credit, three hours.

15. GENERAL MATHEMATICS.

This course combines the fundamental topics of College Algebra and Plane Trigonometry. It is designed for those who for reason of accelerating their preparation must complete both College Algebra and Trigonometry in one semester. Prerequisites: Same as for courses 13 and 14.
Both semesters. Credit, four hours.

16. ANALYTICAL GEOMETRY.

Regular course in Analytics. Prerequisites: Plane Trigonometry and College Algebra.
Both semesters. Credit, four hours.

17. MATHEMATICS OF BUSINESS.

Prerequisites: One year of high school Geometry and one of Algebra. Not to be applied to a Mathematics major.
First semester. *Folkert.* Credit, three hours.

21. MECHANICAL DRAWING.

First semester. Credit, three hours.

31. DIFFERENTIAL CALCULUS.

Prerequisites: Plane Analytics.
Both semesters. Credit, four hours.

34. SPHERICAL TRIGONOMETRY.

Prerequisites: Plane Trigonometry and College Algebra. Alternate years, 1949-1950.
First semester. Credit, two hours.

37. MATHEMATICS OF STATISTICS.

Prerequisites: Mathematics 13 and 14 or Mathematics 15.
Second semester. *Folkert.* Credit, three hours.

41. DESCRIPTIVE GEOMETRY.

Prerequisites: Mechanical Drawing.
Second semester. Credit, three hours.

42. PLANE SURVEYING.

Prerequisites: Plane Trigonometry.
Second semester. *Lampen.* Credit, two hours.

43. ASTRONOMY.

Descriptive. Prerequisites: Plane Trigonometry.
Second semester. *Lampen.* Credit, two hours.

44. AERIAL NAVIGATION.

Study of the four methods of navigation and of the various projections and charts in use, and drill in applications. Prerequisite: Plane Trigonometry.
Second semester. Credit, two hours.

51. INTEGRAL CALCULUS.

Prerequisites: Regular Mathematics courses through Differential Calculus.
Both semesters. Credit, four hours.

52. DIFFERENTIAL EQUATIONS.

Prerequisites: 8 hours of Calculus.

Both semesters.

Credit, two hours.

53. SOLID ANALYTICS.

Prerequisites: Plane Analytics.

Second semester.

Credit, two hours.

61. THEORY OF EQUATIONS.

Integral Calculus a prerequisite but may be taken at the same time.

First semester.

Lampen. Credit, three hours.

62. COLLEGE GEOMETRY.

The purpose of this course is to extend the methods of the first course in Plane Geometry to the development of theorems of greater difficulty and of greater interest. New properties of the triangle and the circle are studied. Because of the help to be derived from such a course by those who expect to teach Plane Geometry, and because of pedagogical principles involved in developing it, this course is recommended to those who are planning to teach mathematics. Prerequisite: Plane Analytics. Alternate years, 1950-1951.

First semester.

Lampen. Credit, three hours.

71. METHODS OF TEACHING MATHEMATICS.

This course is intended for Seniors through special arrangement with the Department of Education. It may be taken for credit in Mathematics if not desired for Education.

First semester.

Lampen. Credit, two hours.

81. ADVANCED CALCULUS.

Prerequisites: 10 hours of Calculus and Mathematics 53. Open to Seniors only except by special arrangement with instructor. Mathematics 53 may be taken at the same time.

Both semesters.

Lampen. Credit, two hours.

82. ADVANCED CALCULUS.

Continuation of Mathematics 81.

Lampen. Credit, two hours.

MODERN LANGUAGES

The courses offered in the first two years of the modern languages, French, German, and Spanish, are designed to provide the student with a good grammatical foundation, to give him some command of the spoken language, to develop a practical reading knowledge, and to cultivate the understanding of other peoples, cultures and institutions as revealed in their literature, periodicals and national activities. The upper level courses are designed to broaden the student's knowledge as well as give him practical training in the use of the language.

Students who plan to do graduate work in English are advised to study French; those majoring in Science are advised to study German and secure a reading knowledge

of French; music majors should study German and French; business majors are advised to study Spanish. For the Ph.D. degree a reading knowledge of French and German is required in most universities, although in certain cases Spanish may be substituted. For students planning to get an M.A. a reading knowledge of one of the modern languages is usually required.

Two years of study on the high school level will admit a student to the Intermediate course (31) if he passes an examination given at the beginning of the fall term. An examination is required of all students desiring advanced standing in any modern language. Full credit will be granted for any course in addition to the language requirement.

MAJOR: To secure a major in French, German or Spanish the student is required to take twenty-five (25) hours above the first year courses. Not more than eight (8) hours of work on the intermediate level (courses numbered below 50) will be accepted toward a major. To secure a composite major the student must elect a minimum of nine (9) hours advanced study (courses numbered above 50) in one language and five (5) hours in the other.

Students who desire to teach the language should consult with their major professor in regard to the courses and hours required.

FRENCH

11, 12. ELEMENTARY FRENCH.

A beginning course in the essentials of pronunciation and grammar; reading, oral and aural practice. For students with no previous study of French.

Throughout the year. *Meyer.* Credit per semester, four hours.

13. SCIENTIFIC FRENCH.

Designed to meet the needs of students planning to do research in science, this course stresses the translation of scientific French and uses a short, scientific grammar. No previous knowledge of the language is necessary. This course may not be substituted for course 11.

First semester.

Prins. Credit, three hours.

31, 32. INTERMEDIATE FRENCH.

Grammar review; oral-aural practice. Course 31 is an introduction to the culture of France and the study of the provinces. Course 32 is an introduction to French masterpieces. Prerequisite: French 11 and 12, or two years of high school French.

Throughout the year. *Meyer.* Credit per semester, four hours.

41, 42. INTERMEDIATE CONVERSATION.

Prerequisite: French 11 and 12 or two years of high school French. May be taken one or both semesters.

Throughout the year.

Prins. Credit per semester, two hours.

52. CONTEMPORARY FRENCH LITERATURE.

A study of the trends in literature after 1900 with emphasis on the literature produced between 1914 and 1940. Alternate years, 1949-1950.

Second semester.

Prins. Credit, two hours.

53. EIGHTEENTH CENTURY LITERATURE.

French thought as reflected in literature from 1715-1800. Emphasis on Montesquieu, Voltaire, Rousseau and Diderot. Alternate years, 1951-1952.

First semester.

Prins. Credit, three hours.

54. MODERN FRENCH LITERATURE.

A study of the literature following Romanticism: that of the periods called Realism, Naturalism and Symbolism from 1850-1900 in the fields of the novel, short story and poetry. Alternate years, 1950-1951.

Second semester.

Prins. Credit, two hours.

55. FRENCH CIVILIZATION.

Emphasis on the position and influence of French literature, art, music and thought in relation to Europe and the Americas. Required of French majors. Some knowledge of French history is desirable but not a prerequisite. Open to all students. Knowledge of French language is not required. Given every third year, 1950-1951.

Second semester.

Prins. Credit, three hours.

64. THE GOLDEN AGE OF FRENCH LITERATURE.

This is the literature of the seventeenth century often called the Age of Louis XIV. Concentration will be on the works of Corneille, Racine and Moliere. Alternate years, 1951-1952.

Second semester.

Prins. Credit, three hours.

71. ROMANTICISM.

The immediate forerunners of the Romanticists — Chateaubriand and Madame de Staël — will be included for study with emphasis on the poetry and novels of Hugo, de Vigny, Lamartine, de Musset. Romantic drama will be studied in course 72. Given alternate years, 1950-1951.

First semester.

Prins. Credit, three hours.

72. MASTERPIECES OF FRENCH DRAMA.

A survey of drama beginning with the seventeenth century to show the social and literary backgrounds ending with the contemporary L'ANNONCE FAITE A MARIE of Paul Claudel. Alternate years, 1950-1951.

Second semester.

Prins. Credit, three hours.

73. FRENCH DICTION.

Course designed to give individual attention to pronunciation, intonation and diction. Recommended for voice students who have some previous knowledge of French. Required of French majors. Speech records are used and phonetic symbols are studied. Alternate years, 1950-1951.

First semester.

Prins. Credit, two hours.

74. ADVANCED COMPOSITION AND GRAMMAR REVIEW.

A thorough review of idiomatic French and grammar. Required of French majors. Alternate years, 1950-1951.

Second semester.

Prins. Credit, two hours.

84. TEACHING OF MODERN LANGUAGES.

A course in the methods of teaching modern languages and literature to Junior and Senior High School students. Required of all those planning to teach French, German, or Spanish in the secondary schools. May be counted in the field of Education as a Special Methods credit. Alternate years, 1949-1950.

Second semester.

Credit, two hours.

GERMAN

11, 12. ELEMENTARY GERMAN.

This is a beginning course. The work consists of grammar, pronunciation, reading and the memorizing of poems. The use of the language is encouraged by speaking and writing.

Throughout the year.

Credit per semester, four hours.

31, 32. INTERMEDIATE GERMAN.

This course is open to those students who have completed courses 11, 12 or passed a comprehensive examination. The German short story is studied. Supplementary reading. Composition and grammar review. German Drama forms the basis for study during the second semester. Supplementary reading.

Throughout the year.

Credit per semester, four hours.

41, 42. GERMAN CONVERSATION.

Open to students on or above the intermediate level. A single semester may be taken.

Throughout the year.

Ellert. Credit per semester, two hours.

51. MODERN GERMAN DRAMA.

A study of the works of the best modern dramatists. Special reports and supplementary reading will introduce other authors than those studied in class.

First semester.

Boyd. Credit, three hours.

52. THE GERMAN NOVEL.

Some classical and some modern novels will be read.

Second semester.

Boyd. Credit, three hours.

53. MODERN GERMAN SHORT STORIES.

Short stories by classic and modern authors will be read. Supplementary reading.

First semester.

Boyd. Credit, two hours.

54. GERMAN POETRY AND OPERA.

A survey course covering development of verse in German literature beginning with the *Nibelungenlied*.

Second semester.

Boyd. Credit, two hours.

55. GERMAN CIVILIZATION.

A knowledge of German is not required. The course includes a survey of the development of the German people along cultural lines; music, art, literature and philosophy. Given every third year, 1948-1949.

First semester.

Boyd. Credit, three hours.

61. SCHILLER.

A careful study is made of the life and works of Schiller.

First semester.

Boyd. Credit three hours.

62. GOETHE.

This course will include a survey of Goethe's works with special attention to the lyrics and dramas.

Second semester.

Boyd. Credit, three hours.

63. THE ROMANTIC SCHOOL AND HEINRICH HEINE.

Selections from romantic prose and verse will be read. The general literary trends of the period will be considered.

First semester.

Boyd. Credit, two hours.

64. GRAMMAR REVIEW AND COMPOSITION.

This course is intended for students who are preparing to teach German or to pursue research where a knowledge of the language is essential.

Second semester.

Boyd. Credit, two hours.

72. SCIENTIFIC GERMAN.

This course is intended to meet the needs of students planning to do research.

Second semester.

Credit, two hours.

84. TEACHING OF MODERN LANGUAGES.

A course in the methods of teaching the modern languages and literature to Junior and High School students. Required of all planning to teach French or German or Spanish. May be counted in the field of Education as a Special Methods credit. Alternate years, 1949-1950.

Second semester.

Credit, two hours.

SPANISH**11, 12. ELEMENTARY SPANISH.**

A first year course in the essentials of pronunciation and grammar; graded reading of modern Spanish texts; aural and oral practice. For students with no previous study of Spanish.

Throughout the year.

Credit per semester, four hours.

31, 32. INTERMEDIATE SPANISH.

Grammar review; practice in conversation and composition; progressively more extensive reading. Prerequisite: two years of high school Spanish at entrance or Spanish 11, 12.

Throughout the year.

Credit per semester, four hours.

51. MASTERPIECES OF SPANISH LITERATURE.

A brief survey of Spanish literature and the reading and discussion of such world renowned masterpieces of Spanish literature as *Libro de Buen Amor*, *La Celestina*, *Lazarillo de Tormes*, the *Novelas Ejemplares*, and others. Conducted in Spanish. Prerequisite: Spanish 31, 32 or permission of the instructor. Alternate years, 1950-51.

First semester.

Brown. Credit, three hours.

52. SPANISH LITERATURE OF THE GOLDEN AGE.

Introductory lectures on the principal literary forms of *El Siglo de Oro*. Extensive readings and class discussions on the theater of Lope de Vega, Tirso de Molina, Alarcon, Calderon, and others. Conducted in Spanish. Prerequisite: Spanish 31, 32 or permission of the instructor. Alternate years, 1950-51.

Second semester.

Brown. Credit, three hours.

53. SPANISH CONVERSATION AND COMPOSITION.

Intensive practice in speaking and writing Spanish designed to train the student to express himself freely and adequately in the language. Free composition. Presentation of original skits to dramatize real life situations. Conducted in Spanish. Prerequisite: Spanish 31, 32 or permission of the instructor.

First semester.

Brown. Credit, two hours.

54. COMMERCIAL SPANISH.

Designed to acquaint the student with the language of modern commercial and industrial practices. Practical exercises in commercial letter writing and in the proper use of commercial and industrial terminology as it relates to American business. Conducted in Spanish. Offered 1950-51.

Second semester.

Brown. Credit, two hours.

55. HISPANIC CIVILIZATION.

An attempt to explain the development of Hispanic culture in both the Old and New Worlds. Historic and geographical backgrounds will be studied as well as some works of literature in translation. Especial emphasis will be placed on explaining the many differing societies to be found in present day Latin-America. No knowledge of Spanish is necessary. Course open to all students. Given every third year, 1949-1950.

Second semester.

Brown. Credit, three hours.

56. SPANISH-AMERICAN NOVEL.

From the gaucho novel of Argentina to the novel of the Mexican Revolution the diversity of life and social conditions in the many Spanish-speaking states is revealed. Literary movements are traced from the romanticism of Jorge Isaacs to the naturalism of Manuel Galvez and on to the americanismo of contemporary writers. Prerequisite: Spanish 31, 32 or permission of the instructor. Every third year, 1950-51.

Second semester.

Brown. Credit, three hours.

57. BRAZILIAN PORTUGUESE.

A course in the language of Brazil designed for students who already know Spanish. Due to linguistic similarities, those who know Spanish can learn Portuguese easily and rapidly. Course begins with the elements of grammar and continues to include extensive reading and free composition. Prerequisite: Spanish 31, 32 or permission of the instructor. Every third year, 1951-52.

First semester.

Brown. Credit four hours.

58. BRAZILIAN LITERATURE.

A study of the literature of Portuguese America with emphasis upon the modern novel. Readings will be selected to show the diverse factors of life in the far-flung regions of this half of South America. Course will begin with the classic realism of Machado de Assis, study the accomplished naturalism of Aluizio Azevedo and terminate with writers of the contemporary scene, such as Jorge Amado, Jose Lins do Rego, and Erico Verissimo. Every third year, 1951-52.

Second semester.

Brown. Credit, four hours.

61. SPANISH LITERATURE OF THE NINETEENTH CENTURY — THE NOVEL.

Reading of a few of the Spanish romantics, followed by a study of the development of the realistic and naturalistic novel in the latter part of the century. Conducted in Spanish. Prerequisite: Spanish 31, 32 or permission of the instructor. Alternate years, 1949-1950.

First semester.

Brown. Credit, three hours.

62. CERVANTES AND HIS AGE.

A study of Cervantes' artistic creation and relation to the culture of the sixteenth century. Special emphasis is given to the Don Quijote and the Novelas Ejemplares. Prerequisite: Spanish 31, 32 or permission of the instructor. Every third year, 1950-1951.

First semester.

Brown. Credit, three hours.

71. SURVEY OF SPANISH-AMERICAN LITERATURE.

A survey of Spanish-American literature from the period of the conquest to the present day. The reading of representative authors with particular emphasis on the modern period. Prerequisite: Spanish 31, 32 or permission of the instructor. Every third year, 1949-1950.

First semester.

Brown. Credit, three hours.

72. CONTEMPORARY SPANISH LITERATURE.

Lectures and readings in the leading writers of Spanish beginning with the so-called generation of 1898. An examination of the resurgence of Spanish letters as evidenced in poetry, the short story, the novel, and the essay. Conducted in Spanish. Alternate years, 1949-1950.

Second semester.

Brown. Credit, three hours.

84. TEACHING OF MODERN LANGUAGES.

A course in the methods of teaching the modern languages to Junior and Senior High School students. Required of all who plan to teach French or German or Spanish. May be counted in the field of Education as a Special Methods credit. Alternate years, 1949-1950.

Second semester.

Credit, two hours.

MUSIC

The Music Department of Hope College has two aims: to supply the Liberal Arts student with an elective musical background which will assist him in being aware and appreciative of the growing musical heritage of civilization, and to train the student who wishes to make music his individual vocation. A student in the first group will find ample opportunity to enrich his musical knowledge by enrolling in any of the fundamental Theory courses and any of the Applied Music courses which suit him. A student of the second group, if he wishes to teach music in the school systems, should select the Elementary or Secondary Music Education program; if he does not desire to teach in the schools, but wishes to prepare himself as a performing artist, he should select the Applied Music Major program. Either major course is also designed as a basic program toward continued study in graduate schools of music.

MAJOR: A student who wishes to major in music must start work in the department in his Freshman year, following the suggested schedule closely. At the close of his Sophomore year he will make written application to the Chairman of the Department, at which time he will be admitted or rejected as a major in the Music Department by a decision of the Music Faculty. A major in Secondary Music Education requires a minimum of 53 hours in music courses; in Elementary Music Education, 40 hours; and in Applied Music, 44 hours. All music majors are required to pass a comprehensive examination covering the areas of theory, music literature and their major field upon completion of the first semester of their Senior year.

Requirements for a major in Secondary Vocal Music Education:

Theoretical Subjects: Music 15, 16, 17, 18, 31, 32, 35, 36, 51, 52, 71, 72, 73, 75 — 34 hours.

Applied Subjects: Voice (Must reach at least Voice 64) — 10 hours.
Piano 21, 22, 41, 42 — 4 hours.

Music Electives: 5 hours.

Total: 53 hours.

Every major in Vocal Music Education must put in three full years' work in the Choir or either of the Glee Clubs.

Requirements for a Major in Secondary Instrumental Music Education:

Theoretical Subjects: Music 15, 16, 17, 18, 31, 32, 35, 36, 51, 52, 57, 58, 74, 76 — 34 hours.

Applied Subjects: Major Instrument (Must reach at least Instrument 68) — 8 hours; Strings 27, 28; Winds 27; Brasses 27; Piano 21, 22 — 6 hours.

Music Electives: 5 hours

Total: 53 hours.

Every major in Instrumental Music Education must put in three full years' work in either Orchestra, Band or Instrumental Ensemble.

Requirements for a Major in Applied Music:

Theoretical Subjects: Music 15, 16, 17, 18, 31, 32, 35, 36, 51, 52, 75 or 76 — 28 hours.

Applied Subjects: (One combination)

1. Voice (10 hours), Piano (4 hours) and Ensemble (2 hours) — 16 hours.
2. Organ (10 hours), Voice (4 hours) and Ensemble (2 hours) — 16 hours.
3. Piano (10 hours), Voice (2 hours) and Instrument (2 hours) and Ensemble (2 hours) — 16 hours.
4. Instrument (10 hours), Piano (4 hours) and Ensemble (2 hours) — 16 hours.

Total: 44 hours.

Requirements for a Major in Elementary Public School Music:

Theoretical Subjects: Music 15, 16, 17, 18, 35, 36, 56, 75, 76 — 20 hours.

Applied Subjects: Piano, Voice, Instrument (5 each) — 15 hours.

Music Electives: 5 hours.

Total: 40 hours.

Students desiring to fulfill the minor requirements for teacher certification must elect 15 hours of music. Courses 15, 16, and 56, or 73 or 74 are required.

Following is the course outline for the various music major programs for the first two years. Senior college courses of study will be outlined by the department chairman.

FRESHMAN YEAR

Subject	Semester Hours	
	1st	2nd
Music 15, 16	4	4
Music 17, 18	2	2
Applied Music	1	1
English 11, 12	3	3
Language 11, 12	4	4
Bible 11	2	—
Speech 11	—	2
	<hr/> 16	<hr/> 16

SOPHOMORE YEAR

Subject	Semester Hours	
	1st	2nd
Music 31, 32	3*	3*
Music 35, 36	2	2
Applied Music	2	3*
English 31, 32	3	3
Language 31, 32	4	4
Psychology 31	3	—
Bible 31	—	2
	<hr/> 17	<hr/> 17

*Omit in the elementary public school music major.

*Two hours for the Applied Music Major and Elementary Music Major.

THEORETICAL COURSES

11, 12. HARMONY.

A beginning course with emphasis on four-part writing, including the structure and use of primary and secondary triads with their inversions. Melody harmonization. All seventh chords and their resolutions. The dominant ninth. For non-majors.

Throughout the year.

Credit per semester, three hours.

13, 14. EAR TRAINING AND SIGHT SINGING.

A course designed for any student desirous of becoming more familiar with music. Melodic and harmonic rhythm dictation. For non-majors. Course 13 is a prerequisite for elementary teachers who are not able to pass the diagnostic test for admission to course 56.

Throughout the year.

Credit per semester, two hours.

15, 16. BASIC THEORY.

A beginning course for music majors with emphasis on fundamentals of music, including meter, rhythm, sight-singing, scales, intervals, chord structure, and the uses of chords and their inversions. For Majors only.

Throughout the year.

Credit per semester, four hours.

17, 18. APPRECIATION OF MUSIC.

A non-technical study of the origin and styles of music and their development in order to give a clear understanding of their significance. The first semester includes the Polyphonic and Classical periods; the second semester, the Romantic and Modern periods. Course 17, or approval from Music Department prerequisite to course 18.

Throughout the year. *Johnston.* Credit per semester, two hours.

31, 32. ADVANCED HARMONY.

Altered chords and resolutions. Ninth, eleventh, and thirteenth chords. Transitions, regular and extraneous modulation. Embellishments and figurations. Harmonic analysis. Other scales and the harmony thereof. Original work.

Throughout the year.

Credit per semester, three hours.

35, 36. HISTORY OF MUSIC.

A general cultural survey course on the development of the art of music from the time of primitive man to the present, with the use of illustrative material and records. Course 35 or approval from Music Department prerequisite to course 36.

Throughout the year. *Holleman.* Credit per semester, two hours.

51, 52. FORM AND ANALYSIS.

A practical and analytical course in the structure of the forms of music with emphasis on the Sonata Form, and on the form of the Fugue, with use of "The Well-tempered Clavichord."

Throughout the year.

Credit per semester, two hours.

56. ELEMENTARY MUSIC METHODS.

Prerequisite—Music 13 or permission of the instructor, to be given upon successful completion of a diagnostic test. Materials in both instrumental and vocal music will be taught.

Second semester.

Holleman. Credit, two hours.

57, 58. ORCHESTRATION.

The first semester will start with a study of the history and technical limitations of the instruments of the modern orchestra. Arranging for woodwind, brass, and string ensembles, progressing to the scoring for symphonic band will follow. During the second semester piano, vocal, and organ works will be adapted for little symphony and the full symphony orchestra.

Throughout the year. *Rider.* Credit per semester, two hours.

71, 72. COUNTERPOINT.

Contrapuntal writing in two and three voices in the first three species of strict counterpoint. The second semester is devoted to writing in four voices in fourth and fifth species. Free Counterpoint. Inventions. Offered alternate years (1949-1950).

Throughout the year. *Johnston.* Credit per semester, two hours.

73. SECONDARY VOCAL METHODS.

Study and observation of secondary teaching techniques, with examination of materials. The requirements for the first two years of a music major are advisable as a prerequisite. Offered alternate years (1949-1950).

First semester.

Holleman. Credit, two hours.

74. SECONDARY INSTRUMENTAL METHODS AND ADMINISTRATION.

A study of the problems peculiar to the teachings of instrumental music in both class and private instruction. Sections will be devoted to the selection of text books and music, the selection, care, and repair of orchestral instruments, and the marching band. The requirements for the first two years of a music major are advisable as a prerequisite. Offered alternate years (1949-1950).

Second semester.

Rider. Credit, two hours.

75. CHORAL CONDUCTING.

A practical study of conducting of community songs and choral music. The requirements for the first two years of a music major are advisable as a prerequisite. Offered alternate years (1948-1949).

First semester.

Credit, two hours.

76. INSTRUMENTAL CONDUCTING.

A study of orchestral scores and transposition. Detailed work in the technique of the baton and the rehearsal problems of orchestral, band and smaller instrumental groups. The requirements for the first two years of a music major are advisable as a prerequisite. Offered alternate years (1948-1949).

Second semester.

Rider. Credit, two hours.

77. MUSIC OF THE CHURCH.

A course designed to help ministers, choir directors, organists and singers in a study of music of the church. Included is a brief history of church music, and the study of hymnology, classification of anthems, and elementary music theory. Recommended for pre-seminary students.

First semester.

Snow. Credit, two hours.

APPLIED MUSIC COURSES

All courses in Applied Music are open to students of varying degree of preparation, from beginners to advanced students. All music majors are required to pass an examination each semester under the jury system, and after approval by a faculty jury are required to give a recital during the senior year. In the case of music education majors, the length of this recital will be determined by the music faculty. Upon request each major student may secure a chart indicating proficiency levels to be attained each year of study. Hope College maintains a Junior Piano Department for students of elementary and high school ages. A schedule of Applied Music fees will be found on page 48, as well as fees for the Junior Piano Department.

A maximum of 3 semester hours of Choir, Band or Orchestra will be allowed as elective credit toward a major in music.

All private lessons are of 30 minutes' duration. Lessons in Applied Music will not be made up unless the student notifies the instructor a reasonable time in advance of his absence. Private lessons falling on legal and special holidays will not be made up. All Applied Music students are required to fulfill practice time requirements.

21, 22; 41, 42; 61, 62; 81, 82. Piano

23, 24; 43, 44; 63, 64; 83, 84. Voice

25, 26; 45, 46; 65, 66; 85, 86. Organ

27, 28; 47, 48; 67, 68; 87, 88. Instrument (violin, viola, cello, string bass, flute, oboe, clarinet, bassoon, trumpet, French horn, trombone, percussion.)

The above private lessons are open to all students in relation to their degree of proficiency. The letter "M" will be affixed to the course number in the case of students majoring in that field of Applied Music. There are certain entrance requirements for some of the Applied Music major fields, as follows:

PIANO.

To be admitted as a piano major candidate a student must be able to play the following or at the equivalent level:

1. Major and minor scales in 4 octaves.
2. Technical studies as Czerny or the Sonatinas.
3. The Bach Little Preludes.
4. The Mozart C Major Sonata.

INSTRUMENT.

To be admitted as an instrument major candidate a student shall be required to play, on his major instrument, the following or at the equivalent level:

Violin —

Working knowledge of the first 5 positions, vibrato, major and minor scales through 3 sharps and flats. Etudes by Kayser and Wohlfahrt, and pieces by Bach and Corelli or equivalent.

Clarinet —

Major and minor scales through 3 sharps and flats; Langenus Book II, Baermann Book II; solos such as

"Fantasie de Concert" by Avon and "Mazurka" by Mylnarsky or equivalent.

Cornet —

Williams method books I and II, major and minor scales through three sharps and flats; Trumpet Etudes by Hering; selected solos.

8. PREPARATORY PIANO.

Prospective piano majors unable to meet the above piano entrance requirements will enroll in this course until the deficiency is made up.

No credit.

9. PREPARATORY INSTRUMENT.

Prospective instrument majors unable to meet the above instrument entrance requirements will enroll in this course until the deficiency is made up.

No credit.

10. CONCERT CHOIR.

Membership of approximately 60 voices determined by audition at the beginning of the Fall term.

Throughout the year.

Davis. Credit per year, one hour.

20. ORCHESTRA.

Membership determined by tryouts at the beginning of the Fall term.

Throughout the year.

Rider. Credit per year, one hour.

30. BAND.

Membership determined by tryouts at the beginning of the Fall term.

Throughout the year.

Rider. Credit per year, one hour.

49, 50. PIANO ENSEMBLE.

An applied music course in two-piano work. Standard repertoire of original two-piano compositions of Mozart, Brahms, etc., are used. A fee of \$2.50 per semester is charged. Prerequisites: piano-playing ability of at least a third-grade level.

Throughout the year.

Holleman. Credit per semester, one hour.

69, 70. INSTRUMENTAL ENSEMBLE.

A course designed to acquaint the student with small ensemble literature and give him the opportunity to play as much of it as possible.

Throughout the year.

Rider. Credit per semester, one hour.

PHILOSOPHY

Philosophy is a study of the structural principles, the essential meanings, and the basic values of our world, of ourselves and of our culture. The objectives of this department are as follows: to provide acquaintance with the literature and ideologies of representative philosophers; to develop philosophic analysis, criticism and perspective; to cultivate the application of these principles to various

institutions and interests; and to aid in building a more adequate philosophy of life.

A major in philosophy is satisfied by completing twenty-five semester hours of courses in the department. The course program for a major must be approved by the head of the department.

A pre-theological composite major requires courses numbered 31, 51, 52, and 71 and five additional semester hours in the philosophy department.

31. INTRODUCTION TO PHILOSOPHY.

This is a beginning course to familiarize students with the vocabulary, method, purpose, and scope of Philosophy. Should precede courses 51, 52, 74, 75, 76, 77.

Both semesters. *Van Saun.* Credit, two hours.

51. ANCIENT AND MEDIEVAL PHILOSOPHY.

A study of Greek and Roman philosophy, of the Church Fathers, and of Scholasticism.

First semester. *Dykstra.* Credit, three hours.

52. MODERN PHILOSOPHY.

A study of Empiricism and Rationalism, of Idealism, Realism, and Pragmatism.

Second semester. *Dykstra.* Credit, three hours.

53. LOGIC.

A study of the nature of the syllogism, of the fallacies of deduction, of the principles of scientific investigation and verification, and of the application of reflective thought to social and value problems.

Both semesters. *Van Saun.* Credit, three hours.

54. THEISM.

An investigation of the grounds and the implications of accepting the sovereign personal God as revealed in the Incarnation of Christ.

Second semester. *Van Saun.* Credit, two hours.

71. ETHICS.

A comparison of the theories of morality, an investigation of the principles of moral evaluation, and their application to personal and social problems.

First semester. *Van Saun.* Credit, three hours.

74. AMERICAN PHILOSOPHY.

The aim of this course is to trace the development and influence of philosophical ideas in the United States.

First semester. *Van Saun.* Credit, three hours.

75. PHILOSOPHY OF RELIGION.

A survey course reviewing the grounds of religion and tracing its interrelations with man's other cultural pursuits.

First semester. *Dykstra.* Credit, three hours.

76. TWENTIETH CENTURY PHILOSOPHY.

A study of some of the prevailing systems of thought of the present time.

Second semester. *Van Saun.* Credit, three hours.

77. PLATO.

A survey of the Republic and other Platonic dialogues with emphasis upon elements that have become significant for western culture.

First semester. *Van Saun.* Credit, three hours.

PHYSICAL EDUCATION FOR MEN

REQUIRED PHYSICAL EDUCATION: All men students are required to take 72 clock hours of physical education. Unless permission is granted, this work is to be taken in the Freshman year.

INTRAMURAL AND INTERCOLLEGIATE ATHLETICS: An intramural program for men is open to all male students. It includes the following sports: basketball, bowling, softball, tennis, and track. Teams are organized on an interclass, dormitory, or intersociety basis.

All men are encouraged to participate in intercollegiate sports. The sports are football, basketball, baseball, track and field, tennis, golf and cross country. In order to be eligible for intercollegiate competition, students must meet the academic eligibility requirements of the Michigan Intercollegiate Athletic Association.

PROGRAM FOR CERTIFICATE (Minor) IN PHYSICAL EDUCATION: A program of courses designed to meet the requirements of the certification board of Michigan for a teaching minor in Physical and Health Education has been established. The program is for those who are taking a teachers' major in some other subject and wish to be prepared also to coach and teach physical and health education. To fulfill the minor requirements, a student must complete sixteen semester hours of courses, including Biology 34 (Physiologic Hygiene); Biology 35 (Human Anatomy); Physical Education 31 and 52; and six semester hours of Techniques courses chosen from Physical Education 61, 62, 63, and 64.

No student will receive credit toward graduation for Physical Education courses 61, 62, 63, and 64 unless these courses are taken as part of the Physical Education minor.

11, 12. PHYSICAL EDUCATION ACTIVITIES.

This is the required course for all men students, and is to be taken in the Freshman year. The course includes calisthenics, and participation in individual and group games and sports.

Both semesters.

Activity credit.

31. INTRODUCTION TO PHYSICAL EDUCATION.

This course seeks to orient the student to professional work in this field. It will include history, principles, philosophy, aims and objectives of physical education. Required of all physical education minors, it should be elected in the sophomore or junior year.

First semester.

De Vette. Credit, two hours.

52. KINESIOLOGY.

A comprehensive study of the musculo-skeletal system and its action, with special reference to the field of health and physical education. Prerequisite: Biology 35 (Human Anatomy).

Second semester.

Van Dommelen. Credit, two hours.

54. COMMUNITY RECREATION.

This course traces the development of the modern recreational movement, studies the principles and practices in the organization of recreational group work, and presents the methods of planning and administering community recreation programs. This course is valuable for those planning to enter the ministry, teaching, scout work, or religious education, as well as for those who plan to enter community recreation work.

Second semester.

De Vette. Credit, three hours.

61. FUNDAMENTALS AND TECHNIQUES OF BASKETBALL.

A study of the fundamentals of basketball and of the principles and techniques of coaching. It includes the study of rules. Academic credit is given only to students minoring in Physical Education. Not open to Freshmen.

First semester.

De Vette. Credit, two hours.

62. FUNDAMENTALS AND TECHNIQUES OF FOOTBALL

A study of the fundamentals of football and of the principles and techniques of coaching. It includes the study of rules. Academic credit is given only to students minoring in Physical Education. Not open to Freshmen.

Second semester.

Vanderbush. Credit, two hours.

63. SPORTS FOR RECREATION.

A course designed to teach the fundamentals of minor sports such as tennis, golf, badminton, and handball and the techniques of directing and coaching them. Academic credit is given only to students minoring in Physical Education. Not open to Freshmen.

First semester.

De Vette. Credit, two hours.

64. FUNDAMENTALS AND TECHNIQUES OF BASEBALL AND TRACK.

A study of the fundamentals of baseball and track and of the principles and techniques of coaching. It includes the study of rules. Academic credit is given only to students minoring in Physical Education. Not open to Freshmen.

Second semester.

De Vette. Credit, two hours.

PHYSICAL EDUCATION FOR WOMEN

Miss Van Dommelen

REQUIRED PHYSICAL EDUCATION: All women students are required to take 72 clock hours of physical education. Unless special permission is granted, this work is to be taken in the Freshman year.

INTRAMURAL AND INTERCOLLEGIATE ATHLETICS: All female students may become members of the Women's Athletic Association. This organization is governed by a board consisting of elected representatives from each class, who sponsor all intramurals for women. Under this program, those who wish may take part in volleyball, softball,

basketball, badminton, tennis, bowling, ping-pong, and other sports. Teams and tournaments are organized during the school year and awards are granted on the basis of participation. In addition to this regular program, those who show unusual interest and ability are given opportunities to represent Hope College in athletic meets held several times during the year, at other colleges in the vicinity.

PROGRAM FOR MINOR IN PHYSICAL EDUCATION: Any woman student in pursuit of a teacher's certificate, may be granted a minor in physical education, by successfully completing the following requirements:

1. The student must be examined by the college health service, and secure a written statement that she is in sound physical condition and is able to carry on a strenuous program of activity. This statement must be presented to the head of the women's physical education department.
2. The student must take a minimum of fifteen hours of credit courses including: Biology 34 (Physiologic Hygiene), Biology 35 (Human Anatomy), Physical Education 31, 52, 53 or 54, and 75 or 76.
3. The student must take 180 clock hours (five semesters) of activities courses, to be chosen from the following: Physical Education 11, 12, 13, 14, 15, 16.
4. The student must take Physical Education 71 and 72. Elementary Teachers may be permitted to take Physical Education 71 for two semesters, and omit Physical Education 72.

11. FIELD HOCKEY AND GYMNASTICS.

Part of this course will be devoted to learning the techniques and practice of field hockey. During inclement weather the class will meet indoors to work on conditioning, coordination, and grace of body movement.

First semester.

36 clock hours activity credit.

12. VOLLEYBALL AND SOFTBALL.

Half of this course will be spent learning and playing volleyball and related games, and the other will be devoted to learning the techniques of softball, and to playing the game.

Second semester.

36 clock hours activity credit.

13. REMEDIAL GYMNASTICS.

This course is designed to meet the needs of students who show postural or other physical defects, and endeavors to correct these faults by remedial exercises.

First semester.

36 clock hours activity credit.

14. ARCHERY, BADMINTON, AND MINOR SPORTS.

Designed to give the student an opportunity to develop skill in these sports, as well as some experience in coaching and officiating.

Both semesters.

36 clock hours activity credit.

15. RHYTHM WORK AND TUMBLING ACTIVITIES.

In this course the student will learn fundamental rhythms and Folk Dances representative of many countries, as well as Early American Square Dances. Time will also be spent in learning the basic skills of tumbling, stunts, and pyramid building.

First semester.

36 clock hours activity credit.

16. BASKETBALL AND TENNIS.

Designed to give the student an opportunity to develop skill in these sports, as well as some experience in coaching and officiating.

Both semesters.

36 clock hours activity credit.

31. INTRODUCTION TO PHYSICAL EDUCATION.

Same as Physical Education 31 for men.

First semester.

Credit, two hours.

52. KINESIOLOGY.

Same as Physical Education 52 for men.

Second semester.

Credit, two hours.

53. FIRST AID AND TEACHING CORRECTIVES.

This class is designed to acquaint the student with methods of first aid, and with common postural faults, and the exercise methods used to correct or arrest them. Further the student will learn diversional activities which can be taught to those who, for medical reasons, cannot take part in the regular school program of physical education.

First semester.

Credit, two hours.

54. COMMUNITY RECREATION.

Same as Physical Education 54 for men.

Second semester.

Credit, three hours.

71. ASSISTING IN PHYSICAL EDUCATION TEACHING.

This class is offered to further prepare the student for teaching physical education. Here she will assist the instructor and gain experience in keeping records, grading, tests and measurements, and in the purchase, use, and care of equipment.

Both semesters.

36 clock hours activity credit.

72. ASSISTING IN WOMEN'S INTRAMURALS.

The purpose of this course is to give practical experience in the operation and direction of a program of intramurals. The student will assist in setting up a program, drawing up tournaments, advertising events, and keeping records which are necessary.

Both semesters.

36 clock hours activity credit.

75. TEACHING PHYSICAL EDUCATION IN THE ELEMENTARY SCHOOL.

This course is designed to acquaint the student with the games, rhythms, story-plays, and other physical activities suitable for each of the elementary grades. Specific attention is given to objectives and methods of organization, and each student is required to do practice teaching in these activities as part of the class work. Elective to prospective elementary school teachers and women taking a minor in Health and Physical Education.

First semester.

Credit, two hours.

76. TEACHING PHYSICAL EDUCATION IN THE SECONDARY SCHOOL.

This course consists of a thorough study of the fundamentals and rules of games of higher organization, and of mass and individual sports. Practical experience is given in lesson planning, organizing, teaching and officiating.

Second semester.

Credit, three hours.

PHYSICS

MAJOR: A major in Physics can be met by completion of twenty-five semester hours of courses approved by the head of the department.

11. METEOROLOGY.

A study of the various physical processes and laws underlying the phenomena of weather and climate. Such topics as the composition of the atmosphere, the physical behavior of dry air and moist air, including normal, dry adiabatic, and saturated adiabatic lapse rates, clouds, fogs, precipitation, radiation, migratory cyclones and anticyclones, fronts, air masses and source regions are considered.

First semester.

Kleis. Credit, two hours.

21. MUSICAL ACOUSTICS.

An introduction to the fundamental laws of acoustics which have to do with the production and transmission of musical sounds. This course is intended for music students and may not be counted toward a major in Physics.

Second semester.

Kleis. Credit, two hours.

31, 32. GENERAL PHYSICS.

First semester: mechanics of solids and liquids, sound and heat. Second semester: magnetism electricity, and light. Recitation, four hours; laboratory, one period per week. Must be preceded by Mathematics 14.

Throughout the year.

Credit per semester, five hours.

33. SLIDE RULE.

A one semester course giving the basic fundamentals of the slide rule plus a working knowledge of the scales used for problems involving multiplication, division, square and cube root, trigonometry, logarithms and powers of numbers. Prerequisite: Mathematics 14.

Both semesters.

Frissel. Credit, one hour.

51. MODERN PHYSICS.

An advanced course in which are studied some of the developments of physics since the discovery of radioactivity with a special emphasis upon the subject of atomic structure.

First semester.

Kleis. Credit, three hours.

53. ELECTRONICS.

An introductory course dealing with tube characteristics and operation, circuit analysis, rectification, amplification systems and photo-electricity. Prerequisites: Physics 32, and Mathematics 31, 51.

First semester.

Frissel. Credit, three hours.

61. ANALYTICAL MECHANICS.

An advanced course in statics. It is recommended to students interested in physics, astronomy, engineering, and applied mathematics. Prerequisites: Mathematics 31 and 51.

First semester.

Frissel. Credit, three hours.

62. ANALYTICAL MECHANICS (DYNAMICS).

An advanced course in dynamics continuing studies on kinetics of a particle, impulse, momentum, work and energy, and dynamics of a rigid body. Prerequisites: Mathematics 31, 51, and Physics 61.

Second semester.

Frissel. Credit, three hours.

71. ELECTRICAL MEASUREMENTS.

An advanced course in electricity and magnetism. Recitation, three hours; laboratory, three hours. Prerequisites: Mathematics 31 and 51.

Second semester.

Kleis. Credit, four hours.

72. PHYSICAL OPTICS.

An intermediate course in light continuing the study of wave motion, spectra, refraction, reflection, diffraction, polarization, quantum theory, etc.

Second semester.

Frissel. Credit, three hours.

86. TEACHING OF SCIENCE.

A special course in the methods of teaching science at the secondary school level. Emphasis throughout the course will be placed on the material and techniques to follow, as used in the teaching of Biology, Chemistry, and Physics.

Second semester.

Credit, two hours.

PSYCHOLOGY

Psychology is the science of behavior. An understanding of the causes and conditions which lead men to behave as they do is essential to a solution of the problems which arise in personal and social affairs.

Students whose vocational interests lie in the areas of education, social work, the ministry, personnel work, medical practice, or other fields involving intimate personal contacts, will find in psychology an aid to understanding themselves and their relationship to those with whom they are to work.

MAJOR: Students who wish to major in psychology should make application to the chairman of the department by the close of the sophomore year. Specific requirements include: a minimum of 25 semester hours in psychology, including courses numbered 31, 54, 57 and 61; Biology 11, 12; and Sociology 31. For those intending to pursue graduate work in psychology or a closely related field, such as Personnel Administration or Social Work, Psychology 51, 52, and 56; Biology 61; and Philosophy 53 are strongly recommended.

31. INTRODUCTION TO GENERAL PSYCHOLOGY.

A beginning course to acquaint the student with the basic facts and principles in psychology. Emphasis is placed on the factors underlying human behavior, and the role of learning in modifying human conduct. Required of all students for graduation, and is a prerequisite to all other courses in this department.

Both semesters.

Credit, three hours.

32. APPLIED PSYCHOLOGY.

A survey of the areas in which psychological principles are usefully applied, including industrial, medical, legal, advertising and commercial fields.

Second semester.

Haverkamp. Credit, three hours.

51, 52. PSYCHOLOGY OF LEARNING.

Recognizing the importance of learning in all of man's behavior, this course considers in detail the conditions which determine learning and retention. The first semester covers the major experimental work in the area of human learning, with special emphasis on the applications of learning principles in education. During the second semester more detailed attention is directed toward experimental work in conditioning and animal research, and finally consideration is given to the current theories in learning. Alternate years, 1949-1950.

Throughout the year. *Haverkamp.* Credit per semester, three hours.

53. SOCIAL PSYCHOLOGY.

A study of the psychological principles underlying the social and group aspects of human living. Consideration is given to the conditions which initiate and determine group behavior, and to the methods whereby the nature of underlying attitudes may be determined and measured.

First semester. *Haverkamp.* Credit, three hours.

54. PSYCHOLOGY OF HUMAN ADJUSTMENT.

The aim of this course is to bring to the student a better understanding of his own behavior and that of others. The nature of basic and acquired needs is presented, and the behaviors which arise and the methods whereby men seek to satisfy these needs are discussed.

First semester. *Granberg.* Credit, three hours.

55. EDUCATIONAL PSYCHOLOGY.

Same as Education 52.

Second semester. Credit, three hours.

56. CHILD DEVELOPMENT.

A survey of the development of the human from conception to adolescence. Emphasis is placed on the orderly nature of the child's physical, motor and language development, the factors relating to the child's emotional development, and the role of the parent or teacher in providing an optimum setting for this development.

Second semester. *Granberg.* Credit, three hours.

57. INTRODUCTION TO EXPERIMENTAL PSYCHOLOGY.

A combination textbook and laboratory course, designed to familiarize the student with the methods employed in psychological research, and with representative research contributions in the field. It is recommended that the student take Psychology 61 concurrently with this course.

First semester. *Haverkamp.* Credit, three hours.

58. ABNORMAL PSYCHOLOGY.

An introduction to the study of human behavior disorders. Includes investigation into the psychological processes and the etiological factors involved, description of the more common mental illnesses, and a discussion of therapeutic measures. Prerequisites: Psychology 31 and 54 or consent of instructor.

Second semester. *Granberg.* Credit, three hours.

61, 62. STATISTICAL METHODS IN PSYCHOLOGY.

A two-semester course in the use and interpretation of elementary statistical techniques in psychological research. The first semester includes the study of graphical representation of data, measures of central tendency and variability, and simple correlation of descriptive data. The second semester deals with sampling techniques and theory, the concept of probability, and statistical tests of significance. Prerequisite for Psychology 62: Psychology 61. Alternate years: 1950-1951.

Throughout the year. *Haverkamp.* Credit per semester, two hours.

64. TESTS AND MEASUREMENTS.

An introduction to the interpretation and construction of tests. The student will be introduced to the more commonly used tests of intelligence, achievement, interests and aptitude, and will be required to construct an achievement test in the subject matter field of his choice. Same as Education 64.

Second semester. *Haverkamp.* Credit, two hours.

91. READINGS IN PSYCHOLOGY.

An individual course for students of superior ability who plan to take advanced work in psychology, and who wish additional preparation in specialized areas of the field. Permission of the chairman of the department is required before registering for this course, and students are required to comply with all conditions detailed under "Reading Courses," page 41.

Both semesters. Credit, two hours.

RELIGION AND BIBLE

Certain courses are required of all students. They are numbered 11, 31, 51, and 71. One of these courses is to be taken by each student each year he is in residence at Hope College. Additional courses are offered for those desiring further work in Religion and Bible.

MAJOR: For those contemplating religious work at home or abroad, for whom Hope College must furnish the major part of their training, a major in the department of Religion and Bible is advised. Students planning to enter a Theological Seminary are advised to follow the program for Christian ministry that has been set up. (See page 117 of catalog.) A major in Religion and Bible shall consist of a minimum of twenty-six hours in the department and a maximum of thirty hours. Students majoring in Religion and Bible should see the head of the department to secure approval of their course program.

11. THE LIFE OF CHRIST.

The purpose of this course is to enable the student to come to a better understanding of the historical Jesus through a comparative study of the four gospels. Required of all freshmen.

Both semesters.

Credit, two hours.

31. THE NEW TESTAMENT CHURCH.

Includes a study of the founding and expansion of the early Christian Church, with a discussion of its problems. Required sophomore year.

Both semesters.

Credit, two hours.

51. OLD TESTAMENT HISTORY.

The primary aim of this course is to acquaint the student with the Old Testament through a brief survey of the history of Israel. Emphasis is placed on the religious ideas, and their development, in the Old Testament record. Required junior year.

Both semesters.

Credit, two hours.

61. MODERN RELIGIOUS MOVEMENTS.

Includes a study of the history and teaching of such religious movements as Mormonism, Spiritualism, Christian Science, Theosophy, the Jehovah's Witnesses, the Barthian theological revival and others. Offered alternate years, 1948-1949.

First semester.

Credit, two hours.

62. NON-CHRISTIAN RELIGIONS.

A study is made of selected leading non-Christian religions including Mohammedanism, Confucianism, Hinduism and Buddhism. Attention is given to the historical development and doctrinal emphases of these faiths and their relation to Christianity. Alternate years, 1948-1949.

Second semester.

Credit, two hours.

63. HISTORY OF THE BIBLE.

Includes the study of such questions as How the Bible was Originally Written, Chief Sources of Our Biblical Text, Formation of the Canon of the Bible, and Translations of the Bible into English. Alternate years, 1948-1949.

First semester.

Credit, two hours.

64. THE HEBREW PROPHETS.

A study of the social and religious messages of the Hebrew prophets in their historical setting. Part of the course is devoted to the problems of the fulfillment of prophecy and the methods of interpreting the prophets today. Alternate years, 1947-1948.

Second semester.

Credit, two hours.

71. THE PHILOSOPHY OF THE CHRISTIAN RELIGION.

Emphasizes the Christian conception of the nature of God, of man, and of the world. Includes a consideration of the relation of the natural to the supernatural, the significance of revelation, and the person of Jesus Christ. Required senior year.

Both semesters.

Credit, three hours.

73. CHURCH HISTORY; THE ANCIENT AND MEDIEVAL CHURCH.

This course surveys the history of the Church from the Apostolic Age to the time of the Reformation. It studies the establishment of the Church in the Roman Empire, its survival and growth after the fall of the Empire, and its internal and external growth, including the evangelization of northern Europe. Alternate years, 1949-1950.

First semester.

Credit, three hours.

74. CHURCH HISTORY; THE REFORMATION AND POST-REFORMATION CHURCH.

Consideration is given the Protestant Reformation of the sixteenth century, the rise of rationalism and Pietism, the rise of the denominations and the modern missionary movement. Alternate years, 1949-1950.

Second semester.

Credit, three hours.

78. HISTORY OF RELIGION IN AMERICA.

A study of the history of the various religious movements in our own country, from colonial times down to the present day. Alternate years, 1949-1950.

First semester.

Credit, three hours.

81. ARCHAEOLOGY AND THE BIBLE.

In this course archaeological discoveries are studied with special reference to material corroborative of the Biblical narratives. Alternate years, 1949-1950.

Second semester.

Credit, three hours.

83. INTERTESTAMENTARY HISTORY.

This course will cover the period from the end of the Babylonian exile of the Hebrew people to the time of Herod the Great and the birth of Christ. It treats the history of the Medo-Persian and Alexandrian empires and the succeeding dynasties as they relate to Biblical history. Alternate years, 1949-1950.

First semester.

Credit, two hours.

RELIGIOUS EDUCATION

Dr. De Pree

The courses in Religious Education are designed primarily to train young people of purpose and consecration to fit themselves for lay positions in the church.

MAJOR: A major in Religious Education aims at preparing students to become directors of Religious Education, directors of music and vacation church schools, church sec-

retaries, or leaders in home or foreign missions. A minimum of twenty-five semester hours of specified courses in Religious Education is required. In addition every major is required to do a certain amount of field work. He should consult the chairman of the department on this matter, and on the working out of his schedule. The following program is suggested:

FRESHMAN YEAR

Subject	Semester		Hours
	1st	2nd	
English 11, 12	3	3	
Rel. and Bible 11	2		
Speech 11		2	
History 11, 12 or 13	4	3	
Science	4	4	
Religious Ed. 11	2		
Physical Education	R	R	
Electives	2	4	
	16	16	

SOPHOMORE YEAR

Subject	Semester		Hours
	1st	2nd	
English 31, 32	3	3	
Foreign Language	4	4	
Psychology 31	3		
Psychology 56		3	
Religious Ed. 12	2		
Religion and Bible 31		2	
Electives	4	4	
	16	16	

JUNIOR YEAR

Subject	Semester		Hours
	1st	2nd	
Foreign Language	4	4	
Rel. and Bible 51	2		
Religious Education 54		2	
Religious Education 31	2		
Religious Education 32		3	
Music 77	2		
Electives	6	7	
	16	16	

SENIOR YEAR

Subject	Semester		Hours
	1st	2nd	
Religious Education 53	2		
Religious Education 51	3		
Religious Education 55	2		
Rel. and Bible 71	3		
Rel. and Bible 64		2	
Education 52		3	
Religious Education 56		3	
Electives	6	8	
	16	16	

RECOMMENDED ELECTIVES

(Freshman and Sophomore Years)

Religion and Bible 32
 Applied Music
 Secretarial Education 11, 12, 13, 14
 Speech 34
 Speech 39

(Junior and Senior Years)

Religion and Bible 62, 63, 65, 73, 74
 Music 76
 Applied Music
 Sociology 31
 Speech 58
 Religious Education 62, 64

SPECIAL STUDENTS: Students who are interested in preparing themselves for a special area of church work, but who do not plan to follow the general course requirements for a Bachelor's degree, may register as special students and elect those studies in which they have a specific interest. Such students must manifest superior personal and spiritual qualities in order to be admitted to this

program. They should consult the director of Religious Education and work out with him a course schedule to fit their needs.

11. THE CHURCH AND ITS WORK.

A study of the function of the church, its relationship to the state, society, and the world; the mission of the church and its methods of carrying on its work.

First semester.

Credit, two hours.

12. PRINCIPLES OF RELIGIOUS EDUCATION.

A study of what is meant by teaching religion, whether in home, church, or school, and an inquiry into the principles and procedures involved in making religion vital and effective in the life of various age groups.

First semester.

Credit, two hours.

31. THE RELIGIOUS EDUCATION OF CHILDREN.

The religious nature and needs of the child, the objectives in the religious training of children, and the materials and methods for attaining these objectives.

First semester.

Credit, two hours.

32. THE RELIGIOUS EDUCATION OF ADOLESCENTS.

A study of the materials and methods used for the Christian training of children twelve years old and upward, as well as the underlying principles to be considered in such training. Not only Sunday School work, but work with youth organizations will be considered.

Second semester.

Credit, two hours.

51. THE ORGANIZATION AND ADMINISTRATION OF RELIGIOUS EDUCATION.

A study of the necessary organization, supervision, and administration for carrying out effectively the church's program for the Christian training of its children and youth. Students taking this course must be engaged in some teaching project during the semester so as to facilitate more practical dealing with the subject.

First semester.

Credit, three hours.

53. THE CHURCH'S MISSIONARY ENTERPRISE.

The home and foreign missionary work of the church, its history, problems, and present situation. Special attention will be given to the missions of the Reformed Church in America.

First semester.

Credit, two hours.

54. PERSONAL EVANGELISM.

Principles to be observed and methods used in personal evangelism or in visiting of sick and disheartened individuals, using the teaching experience of the Christian church and the results of psychological study.

Second semester.

Credit, two hours.

55. THE CHURCH'S WORSHIP.

A course dealing with the importance of worship in all the areas of the church's work, the nature and essential elements of soul-satisfying worship, together with considerable planning of suitable programs for various groups.

First semester.

Credit, two hours.

56. RECREATIONAL LEADERSHIP.

Same as Physical Education 54 (Community Recreation).

Second semester.

Credit, three hours.

62. VACATION CHURCH SCHOOLS.

A course to aid those who plan to conduct vacation Bible schools during the summer.
Second semester. Credit, two hours.

64. HISTORY OF MISSIONS.

A study of the rise, progress, and achievements of Protestant foreign missionary efforts; the lives of eminent missionaries; the rise of church in mission lands; and present conditions in the mission field.
Second semester. Credit, two hours.

SECRETARIAL EDUCATION

Secretarial courses, offered in combination with required courses and courses in other subjects, are designated to train young people for (1) secretarial work in business, church, and social organizations; (2) teaching of commercial subjects in secondary schools.

Students interested in this program should plan a major in some other field, such as English, Economics or Business Administration, Religious Education, Spanish, or Social Studies. Candidates for public school teaching must also complete the stated courses in Education for proper teaching certification. Students entering this program are expected to have attained elementary skill in typing and shorthand. If they have not, they may take the courses in Elementary Typing and Shorthand, but these courses shall not count as credit toward a B.A. degree.

The following four year program is suggested:

FRESHMAN YEAR

Subject	Semester Hours	
	1st	2nd
English 11, 12	3	3
Bible 11	2	
Speech 11		2
Foreign Language	4	4
Science	4	4
History	3	3
	<hr/> 16	<hr/> 16

SOPHOMORE YEAR

Subject	Semester Hours	
	1st	2nd
English 31, 32	3	3
Foreign Language	4	4
Psychology 31		3
Bible 31	2	
Accounting	3	3
Electives	4	3
	<hr/> 16	<hr/> 16

JUNIOR YEAR

Subject	Semester Hours	
	1st	2nd
Secretarial Ed. 31, 32	2	2
Secretarial Ed. 33, 34	3	3
Bible 51	2	
Electives	9	11
	<hr/> 16	<hr/> 16

SENIOR YEAR

Subject	Semester Hours	
	1st	2nd
Secretarial Ed. 35	4	
English 51, 52	2	2
Bible 71		3
Electives	10	11
	<hr/> 16	<hr/> 16

Upon completion of the above program, a Secretarial Certificate will be granted along with a Bachelor of Arts degree.

11, 12. ELEMENTARY TYPEWRITING.

A course for students without previous preparation in typewriting. Class meets four hours per week throughout the school year. Minimum speed attainment, 45 words per minute. Credit for this course may not count toward the B.A. degree.

Throughout the year.

Credit per semester, two hours.

13, 14. STENOGRAPHY.

A course designed for students without previous preparation in stenography. Class meets four hours per week throughout the school year. Minimum dictation speed, 80 words per minute. Credit for this course may not count toward the B.A. degree.

Throughout the year.

Credit per semester, three hours.

31, 32. ADVANCED TYPEWRITING.

Students electing this course should have had courses 11, 12 or equivalent preparation as prerequisite training. Class meets four hours per week throughout the school year. Minimum speed, 65 words per minute.

Throughout the year.

Credit per semester, two hours.

33, 34. ADVANCED STENOGRAPHY.

Prerequisite: Courses 13, 14 or their equivalent. Three class hours per week throughout the school year. Minimum requirement is ability to take dictation at 110 words per minute.

Throughout the year.

Credit per semester, three hours.

35. SECRETARIAL PRACTICE.

The course provides advanced training in office practice, filing, use of business forms and calendars, operation of machines, and problems of business etiquette.

Both semesters.

Credit, four hours.

BUSINESS ENGLISH. See English 51, 52.

SOCIOLOGY

MAJOR: A major in sociology requires a minimum of twenty-five hours of courses in the department. The course sequence must be approved by the departmental advisor.

Students interested in preparing for social service work should consult the program for a major in the field of Social Work found on page 122 of the catalog.

31. INTRODUCTORY SOCIOLOGY.

An explanation of the fundamental facts and principles concerning American society, as well as a study of the methods and results of the control of man's social tendencies. A preparation for later sociology courses.

Both semesters.

Vanderham. Credit, three hours.

32. SOCIAL PROBLEMS.

Attention is centered on social expressions of maladjustment with a view to their amelioration or solution. Problems studied include poverty, crime, race, population, immigration and family disorganization. Prerequisite, Sociology 31.

Both semesters.

Vanderham. Credit, three hours.

51. HISTORY OF SOCIAL THOUGHT.

A study of the gradual development of social theory through the centuries, including the rise of academic sociology. Prerequisites, Sociology 31 and 32. Alternate years, 1950-1951.

First semester.

Vanderham. Credit, three hours.

52. SOCIAL INSTITUTIONS.

An intensive study is made of the nature and purpose of the primary social institutions. Prerequisites, Sociology 31 and 32. Alternate years, 1949-1950.

Second semester. *Vanderham.* Credit, three hours.

53. RURAL SOCIOLOGY.

A consideration of the special group-life problems of the rural area. Prerequisites, Sociology 31 and 32. Alternate years, 1950-1951.

First semester. *Vanderham.* Credit, two hours.

54. URBAN SOCIOLOGY.

A study of the various relationships between groups within the city, considering such problems of city life as city planning, housing, sanitation and recreation. Prerequisites: Sociology 31 and 32. Alternate years, 1950-1951.

Second semester. *Vanderham.* Credit, two hours.

55. POVERTY AND DEPENDENCY.

An intensive study of some of the causes and effects of poverty on society and the individual. Some historical attempts as well as present day efforts to alleviate dependency are considered. The interrelation of this social problem with other current problems of the day is a part of the study. Prerequisites: Sociology 31 and 32. Alternate years, 1949-1950.

First semester. *Vanderham.* Credit, two hours.

58. THE FIELD OF SOCIAL WORK.

A survey of the Field of Social Work as a whole for preprofessional students of social work and allied fields — ministry, medicine, teaching, law. Analysis of social work philosophy, social work practice, and job requirements. Illustrations from each field to be presented and interpreted by an active practitioner in the field. Occasional field observation trips constitute an integral part of the course. Prerequisite: Sociology 31.

Second semester. *Hadden.* Credit, two hours.

71. INTRODUCTION TO SOCIAL CASE WORK.

An orientation course in case work introducing methods of giving services to individuals through social agencies. Analysis of Federal, State, and Local Welfare structure, finance and personnel to be included. Also field observations in Ottawa County Bureau of Social Aid for a limited number of students. A Civil Service Examination may constitute the final examination. Prerequisites: Sociology 31 and 58.

First semester. *Hadden.* Credit, two hours.

72. THE FAMILY AND MARRIAGE RELATIONSHIPS.

A systematic and practical exposition of the problems of courtship, child guidance and domestic discord, stressing the importance of proper marital relationship in the life of the individual as well as to society in general. Open to Seniors only.

Second semester. Credit, two hours.

73. CRIMINOLOGY.

A study of the nature and the causes of crime, and of the methods of dealing with adult and juvenile offenders. Prerequisites: Sociology 31 and 32, and consent of instructor. Alternate years, 1949-1950.

First semester. *Vanderham.* Credit, two hours.

SPEECH

Courses in Speech may be compared to a tuning-fork, the handle represented by the basic courses 11 and 34, and the two prongs by courses in the so-called self-expressive and interpretive phases of speech. Anyone majoring in Speech is expected to acquire proficiency in both of the

latter fields. A major in Speech consists of twenty-four semester hours in addition to Speech 11, and should include courses 34, 37, 38, 41, 51, 52, 53, 59, and either 54 or 55, or 61 or 62.

11. FUNDAMENTALS OF SPEECH.

Theory and practice of public speaking, with major emphasis upon delivery and bodily action, and the attainment of the objectives of confidence and contact. Required of all freshmen. Speech 11 is a prerequisite to all other courses in speech.

Both semesters.

Credit, two hours.

34. PUBLIC SPEAKING.

Intended as a logical continuation of 11. Continued stress upon delivery with major emphasis upon voice control, and also introductory to the fields of interpretation and speech composition. Prerequisite: Speech 11.

Second semester.

Schrier. Credit, two hours.

37. INTERPRETATION.

The reading of prose and poetry from the book and from memory. Development of intellectual and emotional understanding of material read, and practice on the techniques of expression. Prerequisite: Speech 11.

First semester.

Avison. Credit, two hours.

38. INTERPRETATION.

Continuation of 37 with emphasis on preparation for public performance. Superior students will be given opportunities to read to audiences other than the class audience. Prerequisite: 37.

Second semester.

Avison. Credit, two hours.

39. SCRIPTURE READING.

A course designed (1) to develop increased appreciation of the Bible through oral reading, and (2) to promote effective public reading of the Bible, whether by ministers or laymen. Open only to students who have satisfactorily completed 37, or its equivalent.

Second semester.

Avison. Credit, two hours.

41. COMMUNITY DRAMA.

A survey course in the problems of producing plays in the community — for school, church, or club. This is a beginning course in theatre, a prerequisite to most other courses in dramatics. Discussion of theory, observation of procedures, and the creation of a director's script. Open to all students.

First semester.

Avison. Credit, three hours.

51. ARGUMENTATION AND DEBATE.

The underlying principles of debating and argumentation are studied. Classroom debates upon current topics. Briefing, techniques of securing conviction studied and applied.

First semester.

Credit, three hours.

52. GROUP DISCUSSION.

Principles and methods of discussion and conference, with practical application through the round table, panel, symposium, and forum-lecture in the discussion of contemporary problems. Conduct of meetings and parliamentary procedure.

Second semester.

Credit, three hours.

53. PERSUASION.

An advanced speech course with major emphasis upon speech composition and audience psychology; discussions on collecting and preserving material, organization and adaptation of speeches; study of the impelling motives and factors of attention; group and crowd behavior. Required for pre-seminary students. Prerequisite: 34 or 37.

First semester.

Schrier. Credit, three hours.

54. FORMS OF PUBLIC ADDRESS.

A study of some of the leading forms of public address such as courtesy and goodwill speeches, the legal speech, the sermon, the radio speech, after-dinner speeches, the political speech, the commencement speech, and lecture. Analysis of models. Prerequisite: Speech 53.

Second semester.

Schrier. Credit, three hours.

55, 56. DEBATE SEMINAR.

An intensive study of one or two questions used in intercollegiate debates for the year. Library research, preparation of briefs, and much practice in speaking. Prerequisite: Speech 51 and one year on college debate squad.

Throughout the year.

Credit per semester, two hours.

59. STAGECRAFT.

The staging of the play — scenery, costumes, lighting, properties, make-up, etc. Prerequisite: Community Drama 41.

Avison. Credit, three hours.

61. ACTING.

Study of the principles of acting, and practice in their application in studio production. Prerequisites: Interpretation 37 and Community Drama 41, or permission of instructor.

Avison. Credit, three hours.

62. PLAY DIRECTION.

For advanced students in the preparation of plays for public presentation. Credit upon completion of the public performance of a three act play, or its equivalent, produced under the student's direction. Prerequisites: Community Drama, Stagecraft, and Acting and/or permission of the instructor.

Second semester.

Avison. Credit, three hours.

71. ORATORY.

Preparation in the research, composition, and delivery of orations for the local and intercollegiate oratorical contests sponsored by the college. Prerequisite: permission of instructor.

First semester.

Schrier. Credit, one or two hours.

73. PUBLIC RECITAL.

A course in the planning and presentation of public recitals, designed for advanced students of Interpretation. Credit given only after satisfactory public performances. Prerequisite: 38.

First semester.

Avison. Credit, two hours.

SUGGESTED CURRICULA

The first task of Hope College is to provide for every student a broad base of general education — one that will enlarge his understanding of the world in which he lives, help him in disciplining his mind, and provide him with a vital Christian philosophy.

The second task of the college is to prepare each student to take his place either directly in a chosen vocation or profession, or in a professional or graduate school in which he may continue his specialized training for a career.

To insure the best advice to the student who desires information in some particular profession or field of study, faculty members who have had special interest and knowledge in these fields have been appointed to serve as Vocational Advisors. The student should feel free to consult these people on any question pertaining to a special vocational interest. A list of advisors and their fields follows:

Art — Gringhuis	Library Service — Singleton
Botany — Thompson	Mathematics — Lampen
Business Administration — Yntema	Medicine — Van Zyl and Vergeer
Chemistry — Van Zyl	Music — Cavanaugh, Rider
Christian Ministry — Osterhaven	Nursing — Spoelstra
Dentistry — Kleinheksel	Personnel — Haverkamp
Diplomatic Service — Vanderbush	Philosophy — Van Saun
Dramatic Arts — Avison	Physical Education (Men) — De Vette
Economics — Yntema	Physical Education (Women) — Van Dommelen
Elementary Teaching — Vander Borgh	Physics — Kleis
Engineering — Folkert	Political Science — Vanderbush
English — De Graaf	Psychology — Haverkamp
Forestry — Thompson	Religious Education — De Pree
French — Mrs. Prins	Secondary Teaching — Vander Borgh
German — Boyd	Secretarial Education — Schuppert
Greek — Dykstra	Social Service — Vanderham
History — Hawkinson	Sociology — Vanderham
Journalism — Brand	Spanish — Brown
Latin — Wolters	Speech — Schrier
Law — Schrier	Zoology — Vergeer

For students going to specific professional schools and for those entering vocations or professions directly from college, the curricula suggested below are designed to be of value.

BUSINESS AND ECONOMICS

The following program is offered as a suggested curriculum for students interested in a general business course. It is designed to provide a basic training in business and related economics as well as to permit development in other departments.

FRESHMAN YEAR

Subject	Semester Hours	
	1st	2nd
English 11, 12	3	3
Speech 11 and Bible 11	2	2
Foreign Language	4	4
History 13, 14	3	3
Mathematics 13, 14 or 11, 15	3	3-4
Physical Education	R	R
	<u>15</u>	<u>15-16</u>

SOPHOMORE YEAR

Subject	Semester Hours	
	1st	2nd
English 31, 32	3	3
Foreign Language	4	4
Bible 31	2	
Psychology 31		3
Principles of Economics, Economics 31, 32	3	3
Principles of Accounting 31, 32	3	3
	<u>15</u>	<u>16</u>

JUNIOR YEAR

Subject	Semester Hours	
	1st	2nd
Bible 51	2	
Bus. Organization 51	3	
Business Law 54		3
Bus. Management 52		3
Economics Statistics, Economic 61	4	
Labor Econ., Econ. 52		3
Marketing Principles 61	3	
English 51	2	
Sociology 31		3
Electives (Including 2 or more hours in Science)	2	4
	<u>16</u>	<u>16</u>

SENIOR YEAR

Subject	Semester Hours	
	1st	2nd
Finance Principles 72		3
Money and Banking, Economics 51	3	
Personnel Admin. 73	3	
Bible 71		3
Electives: Economics and Business Admin.	6	3
Other Electives	4	7
	<u>16</u>	<u>16</u>

The suggested curriculum for students majoring in economics is the same in the freshman and sophomore years as that proposed for business majors, as outlined above. Essential courses to be taken in the junior and senior years are indicated below. The number of electives is sufficient to permit considerable concentration along such ancillary line, or lines, as the student may wish to follow.

JUNIOR YEAR

Subject	Semester 1st	Hours 2nd
Bible 51		2
Money and Banking 51	3	
Economic Statistics 61	4	
Labor Economics 52		3
Sociology 31		3
Electives (Including 2 or more hours in Science)	9	8
	<u>16</u>	<u>16</u>

SENIOR YEAR

Subject	Semester 1st	Hours 2nd
Bible 71	3	
Economic Analysis 71	3	
Public Finance 76		3
Electives (Including at least 3 hours in Economics)	10	13
	<u>16</u>	<u>16</u>

Electives should be chosen with the approval of the student's counselor or the chairman of the department of Economics and Business Administration.

CHRISTIAN MINISTRY

Students who intend to enter the gospel ministry should elect a four-year general liberal arts program with a major in a chosen field. The following curriculum is offered as a minimum program for admission to theological schools.

FRESHMAN YEAR

Subject	Semester 1st	Hours 2nd
English 11, 12	3	3
Bible and Speech 11	2	2
Greek 11, 12	4	4
Science	4	4
Electives	3	3
Physical Education	R	R
	<u>16</u>	<u>16</u>

SOPHOMORE YEAR

Subject	Semester 1st	Hours 2nd
English 31, 32	3	3
Bible 31	2	
Psychology 31		3
Greek 31, 32	3	3
Sociology 31	3	
Philosophy 31		2
Electives	5	5
	<u>16</u>	<u>16</u>

JUNIOR YEAR

Subject	Semester 1st	Hours 2nd
History 51, 52	3	3
Bible 51		2
Philosophy 51, 52	3	3
English 53	2	
Speech 53	3	
Electives	5	8
	<u>16</u>	<u>16</u>

SENIOR YEAR

Subject	Semester 1st	Hours 2nd
Bible 71		3
Philosophy 71	3	
History		3
Music 77	2	
Electives	11	10
	<u>16</u>	<u>16</u>

Among the courses elected by the student there should be included an additional six hours of advanced literature in the department of English, five hours of philosophy, four hours of speech, two hours of Greek, and three hours of psychology. Work in Latin, Education, and additional courses in Psychology are recommended.

DENTISTRY

Students who complete the first three years of a pre-medical course will regularly be admitted to a College of Dentistry. It is advisable for the student to select his school of dentistry as soon as possible in order to prepare for the specific requirements of the dental school of his choice.

Most pre-dental students find it advisable to complete either a three-or-four-year college program for entrance into the Dental School of their choice. See the four-year pre-medical curriculum.

Students who plan to attend Hope College only two years for pre-dental study should consult with the pre-dental adviser.

ENGINEERING

Students interested in a pre-engineering course should have completed in high school the following: three semesters of Algebra, three semesters of Geometry (Plane and Solid), and two years of a foreign language. Any deficiencies in the above should be completed as early as possible. Assuming the above complete, the suggested program is as follows:

Four Year Pre-Engineering Course with A.B.

FRESHMAN YEAR			SOPHOMORE YEAR		
Subject	Semester 1st	Hours 2nd	Subject	Semester 1st	Hours 2nd
English 11, 12	3	3	English 31, 32	3	3
Speech 11	2		Math. 16	4	
Bible 11		2	Math. 31		4
Math. 13, 14	3	3	Foreign Language	4	4
Chemistry 11 or 13	4		Bible 31	2	
Chemistry 12 or 14		4	Psychology 31		3
Foreign Language	4	4	Economics 31, 32	3	3
	16	16		16	17

JUNIOR YEAR			SENIOR YEAR		
Subject	Semester 1st	Hours 2nd	Subject	Semester 1st	Hours 2nd
Math. 51, 52	4	2	Math. 61	3	
Physics 31, 32	5	5	Math. 42		2
Chemistry 31, 32	4	4	Physics 61	3	
Math. 21	3		Physics 71		4
Math. 41		3	Bible 71	3	
Bible 51		2	Sociology 31		3
	16	16	Electives (Math. 31, 34 53, Physics 11, 51, 72, Chemistry 51, 52, En- glish 51, 52, 55, 56, Philosophy 31).	7	7
				16	16

The above course could be modified somewhat if the student has decided which phase of engineering he plans to engage in.

Students may secure junior standing in most Schools of Engineering by satisfactorily completing a two-year, or three-year pre-engineering program. The following two-year program is suggested:

Two-Year Pre-Engineering Course

FRESHMAN YEAR			SOPHOMORE YEAR		
Subject	Semester 1st	Hours 2nd	Subject	Semester 1st	Hours 2nd
English 11, 12	3	3	Math. 31	4	
Math. 15, 16	4	4	Math. 51		4
Chemistry 11 or 13	4		Physics 31, 32	5	5
Chemistry 12 or 14		4	Bible 31	2	
Bible 11	2		Psychology 31		3
Speech 11		2	Economics 31, 32	3	3
Math. 21	3		English 31	3	
Math. 41		3	Math. 42		2
	16	16		17	17

The particular engineering school which the student plans to enter may have special entrance requirements. The student should make these plans with his counselor.

FORESTRY

The following two-year pre-forestry course is fully approved by the University of Michigan and Michigan State College. Successful completion of it will enable the student to transfer to a Forestry School for a degree in forestry. A three-year program is also available to students desiring a more complete pre-forestry training.

FRESHMAN YEAR

Subject	Semester Hours	
	1st	2nd
English 11, 12	3	3
Bible 11 and Speech 11	2	2
Biology 11, 21	4	4
Mechanical Drawing 21	3	
Mathematics 15, 16	4	4
Mathematics 42		2
Electives		1
Physical Education	R	R
	16	16

SOPHOMORE YEAR

Subject	Semester Hours	
	1st	2nd
Biology 22, 12	4	4
Chemistry 11, 12	4	4
Economics 31, 32	3	3
Psychology 31		3
Bible 31	2	
Electives	3	2
	16	16

LAW

Students desiring to enter the legal profession will find that most of the law schools do not prescribe a specific pre-professional program. A general liberal arts program is considered the best pre-legal preparation with concentrated study in the social sciences and considerable study in speech. A two-year pre-legal curriculum, successfully completed, will enable a student to enter some law schools. However, many law schools urge or require a student to complete a four-year pre-law program.

Pre-law students should secure as many courses in history and political science as possible. A minimum of thirteen hours of Speech is suggested, specifically courses 11, 34, 51, 52, and 53. Courses in Economics, Psychology, Accounting, and Philosophy are also recommended.

MEDICINE

The following four-year pre-medical curriculum has been made available to pre-medical students at Hope College for some time. It meets the most rigid requirements of medical schools.

FRESHMAN YEAR

Subject	Semester 1st	Hours 2nd
English 11, 12	3	3
Bible and Speech 11	2	2
Foreign Language	4	4
Mathematics 13, 14	3	3
Chemistry 11, 12	4	4
Physical Education	R	R
	<hr/> 16	<hr/> 16

SOPHOMORE YEAR

Subject	Semester 1st	Hours 2nd
Chemistry 31, 32	4	4
English 31, 32	3	3
Foreign Language	4	4
Biology 11, 12	4	4
Bible 31		2
	<hr/> 15	<hr/> 17

JUNIOR YEAR

Subject	Semester 1st	Hours 2nd
Physics 31, 32	5	5
Bible 51	2	
Biology 31, 32, 55, 63 or Chemistry 51, 52	5	5
Social Science		3
Psychology	3	
Electives	1	3
	<hr/> 16	<hr/> 16

SENIOR YEAR

Subject	Semester 1st	Hours 2nd
Chemistry 51, 52 or Biology 53, 55, 64, 72	5	5
Bible 71		3
Sociology 31, 32	3	3
Electives	8	5
	<hr/> 16	<hr/> 16

A student may give preference to Biology instead of Chemistry in the Freshman year. Desirable electives include Philosophy, History, Art, Music, and a second foreign language.

Students who expect to transfer to a medical school at the end of the Junior year should begin both Chemistry and Biology in the Freshman year.

The above program satisfies the requirements of practically all medical schools. Students should designate the medical school they wish to enter as soon as possible. Early designation of a medical school will enable them to prepare for the requirements of that school.

The college cooperates with the medical schools in giving the Aptitude Test required of all pre-medical students.

NURSING

Higher education is increasingly important in the training of nurses and makes for greater advancement and success after graduation. The better hospitals now insist on having some college graduates in every new class and

select the other students in part on the amount of college education they have. Instead of obtaining the A.B. degree before training, many students take two years of college work previous to nurses training and return afterward for one more year and thus obtain their degree. Normally, the nurses training program is considered the equivalent of one year of academic study. The College Health Service offers the opportunity to several graduate nurses to be self-supporting while attending college.

The following two-year program is offered as a suggested curriculum for pre-nursing students.

FRESHMAN YEAR			SOPHOMORE YEAR		
Subject	Semester 1st	Hours 2nd	Subject	Semester 1st	Hours 2nd
English 11, 12	3	3	English 31, 32	3	3
Bible 11, Speech 11	2	2	Foreign Language	4	4
*Foreign Language	4	4	Chemistry 11, 12	4	4
Biology 11, 12	4	4	Biology 35	2	
Sociology 31,			Biology 34		4
Psychology 31	3	3	Bible	2	
	16	16	Elective 1 or 2 hours		
				15	15

*Students taking only one year of college pre-nursing should omit the foreign language and take Human Anatomy 35 and two elective hours the first semester, and Physiologic Hygiene 34 the second semester.

Students planning on entering nursing school should secure catalogs and information from various Schools of Nursing in order to ascertain the particular college pre-requisites for entering their training program. The special advisor in nursing should also be consulted in making out the course program.

SOCIAL WORK

Persons preparing themselves for some aspect of Social Work should plan to major either in Psychology or in Sociology, and should elect 15 to 18 hours of work in the department he does not select as a major.

Basic courses are: Psychology 53, 54 and 56; Sociology 31, 51, 58, and 71; Biology 11, 34, and 61; Economics 31 and 32; and Political Science 31 and 32.

Recommended additional courses: Psychology 58 and 61; Sociology 53, 54, 55, 72 and 73; Speech 34 and 41; and Physical Education 54. These courses are designed to provide specialized training toward a particular phase of social work. They should be elected from the standpoint of the particular goals of the student in consultation with the advisor in the Field of Social Work.

TEACHING

Hope College provides an elementary and secondary teacher training program, the completion of which qualifies the student to teach in most of the states. Inasmuch as teaching requirements vary in some of the states, students electing the teacher training program should consult with the chairman of the College Department of Education during the Freshman year. Under the course offerings in Education are outlined the requirements for a teacher certificate in the State of Michigan. See pages 71 and 72.

For those planning on preparing for college teaching a major in the chosen department of specialization is advisable. The department advisor should be consulted in working out the academic program for the four years. For such students, French or German should normally be elected for foreign language study, preferably both if the student plans to work for a Ph.D. degree.

Students planning on becoming elementary teachers should elect the composite major program designed for them. Consult the special advisor and the statement on composite majors page 45 above. Students planning to enter secondary school teaching should follow the requirements for state certification and the college requirement for either a major in one department, or one of two special major programs cutting across departmental lines.

- A. Major in General Science. Minimum of forty-three hours to be taken from Biology (11, 12, 21, 22), Chemistry (11, 12, 31 or 32, 51), Physics (31, 32). This program would be the minimum to enable students to qualify for teaching in these three fields of the sciences on the high school level. A student who is looking forward to continuing his work in graduate school in one of the sciences should, of course, take additional work in at least one of the science fields so that he would have a major in one.

- B. Major in Social Studies. For the teaching major, two composite major programs have been approved in social studies. Since the secondary social studies teacher seldom has the opportunity of devoting his entire schedule to one special subject, prospective teachers are urged to take some work in each of the social studies. Furthermore, interpretation in any one field depends on grounding in many related social studies fields.

Plan A

Social Studies with History Core

History26 hrs.

Composed of selection
from:Basic Course I — History
13 & 14 or History 11
& 12Basic Course II — Am.
History 33 & 34Select 14 hours from ad-
vanced courses in three
fields: Europe, Amer-
ica, Latin Am., For-
eign Policies and Inter-
national Relations, Far
East, Current Prob-
lems, Cultural.

Political Science

Required — National
Gov't. 31 — 3 hours
Elective — 3 hours..... 6 hrs.

Sociology

Recommended 31-32..... 6 hrs.

Economics

Recommended 31-32..... 6 hrs.

Total.....44 hrs.

Methods in Social Studies,

History 85..... 2 hrs.

Plan B

*Social Studies with Core in Se-
lected Field other than History*

History18 hrs.

Basic Course I — History
13 & 14 or History 11
& 12Basic Course II—History
33 & 34Select 6 additional hours
in history from ad-
vanced courses.Political Science 3 hrs.
(not listed as history)

Sociology 6 hrs.

Economics18 hrs.
or vary in either Pol.
Sc. or Sociology as core
with courses recom-
mended by advisor in
area.

Total.....45 hrs.

Methods, History 85..... 2 hrs.

PART VI

GRADUATES JUNE 1949

HONORARY DEGREES AND AWARDS

STUDENT BODY ROSTER

INDEX

GRADUATES JUNE 1949

A. B. DEGREES CONFERRED IN 1949

Anderson, William George	Hawthorne, New Jersey
Avakian, Gladys	New York, New York
Barendse, Eugene Edward	Holland, Michigan
Barr, Robert Burdette	Grand Rapids, Michigan
Bartels, Lester Elwin	Muskegon Heights, Michigan
Beereboom, John Joseph	Holland, Michigan
Bennett, William Charles	Weehawken, New Jersey
Bixby, Louis Wm. Jr.	Saginaw, Michigan
Boelkins, Elizabeth Rica	Muskegon Heights, Michigan
Boerman, Walter John	Pekin, Illinois 1
Boeve, Ted Edgar	Zeeland, Michigan
Booi, Duane Gordon	Ashkum, Illinois
Breen, Peter James	Coopersville, Michigan
Brown, Malcolm Douglas	Wycombe, Pennsylvania
Brunstetter, Donald George	Metuchen, New Jersey
Brunstetter, Jean Sibley	Jersey City, New Jersey
Brunsting, Lucille Bernice	Hull, Iowa
Buis, Harry	Hawthorne, New Jersey
Burton, Robert Dale	Holland, Michigan
Buter, Harold Jay	Holland, Michigan 2
Buttlar, Marie Elizabeth	Warwick, New York
Buursma, George Henry	Holland, Michigan
Cameron, William Douglas	Lansing, Michigan
Chappell, Tolan L.	Petersburg, Indiana
Coleman, Alwin Beverly	Grand Rapids, Michigan
Dalman, Rodger Harley	Holland, Michigan
Davis, Dorothy Mable	Cuddebackville, New York
Decker, Rodger Wayne	Slingerlands, New York
De Kleine, Lois Edna	Jamestown, Michigan
De Loof, Gerard Jr.	Richland, Michigan 3
De Meester, William Alexander	Paterson, New Jersey
Den Herder, James McCormick	Holland, Michigan
De Ryke, Betty Joy	Kalamazoo, Michigan
De Vries, John Frederick	Sibley, Iowa
De Weerd, Lowell	Holland, Michigan
Dick, Leonard John	Holland, Michigan
Dixon, Marjorie Ethel	Voorheesville, New York
Duiker, Vernon Eugene	Conrad, Montana
Duiser, Genevieve Pearl	Muskegon, Michigan
Dykstra, Emmanuel David	Orange City, Iowa 4
Dykstra, Harold Eugene	Grand Rapids, Michigan
Dykstra, Virgil Homer	Orange City, Iowa

Dykstra, William Dwight	Grand Rapids, Michigan
Eickelberg, Warren Barbour	Douglaston, L. I., New York
Fisher, Harold Stuart	Grand Haven, Michigan
Flaherty, Ted Ernest	Dearborn, Michigan
Folkert, Robert Austin	Holland, Michigan
Forsten, John Henry	Zeeland, Michigan
Fredricks, Helen Gene	Muskegon Heights, Michigan
Frey, Marilyn Louise	Grand Rapids, Michigan
Friedberg, Wallace	New York, New York
Froelich, Robert Charles	Cleveland, Ohio
Glerum, Richard Zimmer	Rochester, New York
Grissen, Harold	Holland, Michigan
Grooters, James Darwin	Orange City, Iowa
Gross, Eunice Elsie	Brooklyn, New York
Groth, Harold Paul	Plymouth, Michigan
Hall, Robert Stuart	Holland, Michigan
Hanna, Marion S. L.	Jersey City, New Jersey
Harrison, Timothy Stone	Holland, Michigan
Heemstra, C. Irene	Fenton, Michigan
Heerspink, Harvey Robert	Holland, Michigan
Heinen, Eunice Jane	Oostburg, Wisconsin
Hellenga, Wayne Keith	Grand Haven, Michigan
Hepp, Mary Louise	Brooklyn, New York
Hibma, Alida	Orange City, Iowa
Hillegonds, William Cornelius	Chicago, Illinois
Hinga, Constance Miriam	Holland, Michigan
Hinkamp, Paul Eugene II	Holland, Michigan
Hoebeke, Richard Lee	Grand Rapids, Michigan
Hoek, Donald	Jenison, Michigan
Hofmeyer, Benjamin Gerald	Holland, Michigan
Hoftiezer, Henry Wilbert	Oostburg, Wisconsin
Holman, Marian Arlene	Flint, Michigan
Hoogerhyde, David M.	Holland, Michigan
Horton, Russell Erastus	Paterson, New Jersey
Hospers, Gerrit Henry III	Ontario Center, New York
Humbert, Alexander Merle	Holland, Michigan
Ihrman, Donald LaVerne	Holland, Michigan
Ingham, Carolyn Jane	Ferndale, Michigan
Janssen, Burton Virgil	Zeeland, Michigan
Jesser, John Hedberg	Hudsonville, Michigan
Johnson, Richard Calvin	Berwyn, Illinois
Joldersma, Janet Lois	West Sayville, New York
Kammeraad, Harold Leonard	Holland, Michigan
Kassig, Edward Jay	Woodside, L. I., New York
Kempers, Roger Dyke	Chiapas, Mexico
Kennedy, Walter Thomas	Hasbrouck Heights, New Jersey

Kilian, Olga Katherine	Holland, Michigan
Kinnison, Hugh Elwood	Lansing, Michigan 9
Klomprens, James Thomas	Holland, Michigan
Klomprens, Karl	Holland, Michigan
Knol, Shirley Jane	Wheaton, Illinois
Koepp, Owen John	Chang Chow, Fukien, China
Koning, Amy Ruth	Holland, Michigan
Konoshima, Sumiye Elizabeth	New York, New York
Koop, Howard Jay	Holland, Michigan
Koop, Ruth Joyce	Holland, Michigan
Kraay, Russell James	Danforth, Illinois
Kragt, Earl	Holland, Michigan 10
Kragt, Marvin Nelson	Holland, Michigan
Lam, Donald Anno	Holland, Michigan
Lamb, Phyllis Ruth	Holland, Michigan
Lampen, Cornelius Earl	Zeeland, Michigan
Latimer, Robert Boyd, Jr.	Hackensack, New Jersey
Leslie, Shirley Margaret	Schenectady, New York
MacDonald, John Marshall IV	Otsego, Michigan
Major, Robert Lorraine	Muskegon, Michigan
McLean, Mary Kathleen	Holland, Michigan
Meengs, Philip George	Zeeland, Michigan 11
Meeusen, Ernest John	Holland, Michigan
Moessner, JoAnn Elizabeth	Muskegon, Michigan
Moolenaar, Alice Bernice	De Motte, Indiana
Moore, Jean Carol	Flushing, L. I., New York
Muilenburg, Joyce Lucille	Maurice, Iowa
Mulder, Judith Ellen	Metuchen, New Jersey
Muyskens, Lois Marian	Orange City, Iowa
Nichols, Bernice Henrietta	Fulton, New York
Norden, Russel Lee	Grand Rapids, Michigan
Nyboer, Robert Paul	Holland, Michigan 12
Oldenburg, Dorothy Margaret	Ovid, New York
Olive, Roger Oswald	Holland, Michigan
Oostendorp, William John	Holland, Michigan
Paine, Clifford Emmett	Fennville, Michigan
Ponstein, Arthur Henry	Grand Haven, Michigan
Ponstine, Katherine	Marion, Michigan
Pontier, Robert List	Hasbrouck Heights, New Jersey
Posthuma, Sam George	Friesland, Wisconsin
Prins, Marguerite Jean	Holland, Michigan
Reay, William Frank	Clifton, New Jersey 13
Reck, Norwood Kenneth	Union City, New Jersey
Ridder, Herman Junior	Holland, Michigan
Rinkus, Donald E.	Holland, Michigan
Robins, John Calvin Jr.	Detroit, Michigan

Rowan, Bernard John	Detroit, Michigan
Rutgers, Jay G.	Holland, Michigan
Schemper, Chester Marciel	Holland, Michigan
Schmalzriedt, Herbert Charles	Rochelle Park, New Jersey
Schregardus, Leonard Nicholas	Holland, Michigan
Schroeder, Marian Mae	Paterson, New Jersey 14
Scobie, David Elder Jr.	West New York, New Jersey
Shaw, Henry Ivan Jr.	Smithtown Branch, New York
Sheel, Joan Allene	Hospers, Iowa
Shewan, William P. F.	Mt. Vernon, New York
Shoemaker, Dennis Earl	Hudsonville, Michigan
Shramek, James Frank Jr.	Holland, Michigan
Simmelink, Roland Junior	Oostburg, Wisconsin
Skaalen, Morris Arnold	Boyd, Minnesota
Smith, John Marvin	Grand Rapids, Michigan
Snow, Marian Jean	Holland, Michigan 15
Snow, Robert Warren	Holland, Michigan
Staal, Theresa Cornelia	Grand Rapids, Michigan
Stegeman, James Henry	Decatur, Michigan
Tangenberg, Edward James	Grand Rapids, Michigan
Te Ronde, Minnie Henrietta	Grand Rapids, Michigan
Tirrell, John Edward	Holland, Michigan
Toma, Faud Faried	Amarah, Iraq
Vandenberg, Donald Albert	Morrison, Illinois
Vanden Brink, Dale Warren	Holland, Michigan
Vander Kolk, Anno Melvin	Zeeland, Michigan 16
Vander Laan, Robert Helman	Muskegon, Michigan
Vander Woude, Hazel Margaret	McBain, Michigan
VandeWege, Mary Juliann	Holland, Michigan
Van Dyke, Barbara Jean	Zeeland, Michigan
Van Dyke, Peter James	Denver, Colorado
Van Haitsma, Glenn Allyn	Zeeland, Michigan
Van Hall, Clayton Edward	Grand Haven, Michigan
Van Heest, Gerald John	Catskill, New York
Van Ingen, Lois Jean	Holland, Michigan
Van Loo, Mary Esther	Kalamazoo, Michigan 17
Van Raalte, Arlene Ruth	Holland, Michigan
Van Singel, Gerald Peter	Grandville, Michigan
Van't Slot, Andrew	Holland, Michigan
Van Wieren, Harold	Holland, Michigan
Van Wieren, Harvey Dale	Philadelphia, Pennsylvania
Veldhuis, Jerome Alfred	Zeeland, Michigan
Veltman, Fred John	Holland, Michigan
Venhuizen, Betty Jean	Holland, Michigan
Viening, Gerald	Los Angeles, California
Vollink, Willard Leslie	Grand Rapids, Michigan 18
Vredeveld, Theodore Jay	Zeeland, Michigan

Walchenbach, Donald Edward	Hawthorne, New Jersey
Weaver, Elizabeth Marie	Williston Park, New York
Weener, Earl	Holland, Michigan
Weener, Jay Rolland	Holland, Michigan
Wierenga, Claire Elizabeth	Grand Haven, Michigan
Wiersma, Jean Marie	Holland, Michigan
Westerhoff, Peter Detilius Jr.	Midland Park, New Jersey
Wight, Fred Ernest	Paterson, New Jersey
Willbrandt, Shirley Anne	Muskegon, Michigan
Wise, Stephen Paul	Dunbar, Pennsylvania
Wolbert, Harris Jay	Holland, Michigan
Workman, Anna Ruth	Central Lake, Michigan
Zeito, George Andrews	Basrah, <u>Iraq</u>
Zoet, Charles Jay	Zeeland, Michigan
Zuidema, George Dale	Holland, Michigan

MICHIGAN PROVISIONAL TEACHERS' CERTIFICATES

ELEMENTARY

Avakian, Gladys
Buursma, George Henry
Davis, Dorothy Mable
De Kleine, Lois Edna
De Ryke, Betty Joy
Duiser, Genevieve Pearl
Emmons, Harriet
Fredericks, Helen Gene
Frey, Marilyn Louise
Hinga, Constance Miriam
Joldersma, Janet Lois
Koning, Amy Ruth

Lamb, Phyllis Ruth
Nichols, Bernice Henrietta
Quant, Ruth J.
Sheel, Joan Allene
Snow, Marian Jean
Van Dyke, Barbara Jean
Van Loo, Mary Esther
Venhuizen, Betty Jean
Weaver, Elizabeth Marie
Wiersma, Jean Marie
Willbrandt, Shirley Anne

SECONDARY

Barendse, Eugene Edward
Barr, Robert Burdette
Bennett, William Charles
Boelkins, Elizabeth Rica
Boeve, Ted Edgar
Brunstetter, Jean Sibley
Brunsting, Lucille Bernice
Buttlar, Marie Elizabeth
DeWeerd, Lowell
Dick, Leonard John
Dixon, Marjorie Ethel
Fisher, Harold Stuart
Flaherty, Ted Ernest
Forsten, John Henry
Froelich, Robert Charles
Glerum, Richard Zimmer
Grissen, Harold
Gross, Eunice Elsie
Groth, Harold Paul
Hanna, Marion S. L.
Heemstra, Irene Claire
Heerspink, Harvey Robert
Hellenga, Wayne Keith
Hepp, Mary Louise
Hibma, Alida
Hoek, Donald
Hofmeyer, Benjamin Gerald
Holman, Marian Arlene
Ihrman, Donald LaVerne

Ingham, Carolyn Jane
Kennedy, Walter Thomas
Knol, Shirley Jane
Lampen, Cornelius Earl
Leslie, Shirley Margaret
Lumsden, George J.
Macdonald, John Marshall IV
Meeusen, Ernest John
Moolenaar, Alice Bernice
Mulder, Judith Ellen
Ponstein, Arthur Henry
Ponstine, Katherine
Pontier, Robert List
Prins, Marguerite Jean
Scobie, David Elder Jr.
Shewan, William Philip Forbes
Skaalen, Morris Arnold
Staal, Theresa Cornelia
Steketee, Katherine
Tirrell, John Edward
Vande Woude, Hazel Margaret
Vande Wege, Mary Juliann
Van Ingen, Lois Jean
Van Singel, Gerald Peter
Van Wieren, Harold
Veldhuis, Jerome Alfred
Wierenga, Claire Elizabeth
Zoet, Charles Jay

HONORARY DEGREES AND AWARDS

HONOR ROLL

SUMMA CUM LAUDE

Dykstra, Emmanuel David	Van Haitsma, Glenn Allyn
Dykstra, Vergil Homer	Zuidema, George Dale
Koeppé, Owen John	

MAGNA CUM LAUDE

Brunstetter, Jean Sibley	Ingham, Carolyn Jane
Heemstra, Irene Claire	Oostendorp, William John
Hillegonds, William Cornelius	Rowan, Bernard John
Hinkamp, Paul Eugene II	

CUM LAUDE

Brunsting, Lucille Bernice	Prins, Marguerite Jean
Buttlar, Marie Elizabeth	Schemper, Chester Marciel
Dalman, Rodger Harley	Shaw, Henry Ivar Jr.
Heerspink, Harvey Robert	Vander Woude, Hazel Margaret
Kempers, Roger Dyke	Van Hall, Clayton Edward
Konoshima, Sumiye Elizabeth	Van Wieren, Harvey Dale
Moolenaar, Alice Bernice	Weaver, Elizabeth Marie
Muilenburg, Joyce Lucille	Wolbert, Harris Jay
Ponstein, Arthur Henry	Workman, Anna Ruth

FACULTY HONORS 1949

Brunstetter, Jean Sibley	Ingham, Carolyn Jane
Buttlar, Marie Elizabeth	Koeppé, Owen John
Dykstra, Emmanuel David	Konoshima, Sumiye Elizabeth
Dykstra, Vergil Homer	Prins, Marguerite Jean
Harrison, Timothy Stone	Ridder, Herman Junior
Heemstra, Irene Claire	Rowan, Bernard John
Hillegonds, William Cornelius	Van Haitsma, Glenn Allyn
Hinkamp, Paul Eugene II	Zuidema, George Dale

PRIZES AND AWARDS

FRESHMAN BIBLICAL PRIZE — Louise A. Loula, Finley A. McCormick.

THE COOPERSVILLE MEN'S ADULT BIBLE CLASS PRIZE — Catherine W. Sharp, Anita J. Rynbrandt.

JUNIOR BIBLICAL PRIZE — Lorraine J. Van Farowe.

GRACE MARGUERITE BROWNING SCHOLARSHIP IN VOICE — Phyllis Jeanne Sherman.

GRACE MARGUERITE BROWNING SCHOLARSHIP IN ORGAN — Nancylee Corp.

GRACE MARGUERITE BROWNING SCHOLARSHIP IN PIANO — Margaret De Vries.

THE ADELAIDE PRIZE IN ORATORY — Lucille Brunsting.

THE A. A. RAVEN PRIZE IN ORATORY — William Dykstra, Howard Koop.

REGENTS SCHOLARSHIP — Bernard John Rowan.

SENIOR BIBLE PRIZE — Eunice Jane Heinen, John H. Jesser.

THE DR. A. T. GODFREY PRIZE IN CHEMISTRY — Paul Eugene Hinkamp II.

BOARD OF EDUCATION PRIZE — Hazel Margaret Vander Woude.

THE DR. OTTO VANDER VELDE ALL CAMPUS AWARD — John Edward Tirrell.

THE SOUTHLAND MEDAL — Carolyn Jane Ingham.

THE PIETENPOL BIBLE PRIZE — William Cornelius Hillegonds.

PATTERSON MEMORIAL PRIZE IN BIOLOGY — George Dale Zuidema.

THE GEORGE BIRKHOFF, JR., ENGLISH LITERATURE PRIZE — Glenn Allyn Van Haitsma.

STUDENT BODY ROSTER

SENIORS

Aardema, Marguerite Joan	Central Lake, Michigan
*Alderink, Gordon Eugene	Grand Rapids, Michigan
*Alderink, Paul John	Grand Rapids, Michigan
*Anders, Howard Davenport	Oak Park, Illinois
Angus, Margery Anne	Fukien, China
*Baker, Avery Dean	Flat Rock, Illinois
Baker, Hilda Lillian	Holland, Michigan
Baker, Jayne Ellen	Holland, Michigan
Baker, Joyce Elaine	Holland, Michigan
Balazsi, Elizabeth	Oradea, Roumania
Becksfors, Robert Henry	Holland, Michigan
*Beld, Gordon George	Grand Rapids, Michigan
Bennett, James Gordon	HoHoKus, New Jersey
Bergers, Dorothy Louise	Holly, Michigan
*Bhe, Robert Delmont	Marion Center, Pennsylvania
*Birce, Robert Francis	Lakewood, Ohio
*Blaauw, John	Shelbyville, Michigan
*Bobb, Clarence Edward	Genesee, Michigan
Boerman, Gerald Henry	Pekin, Illinois
*Borr, James Jr.	West Olive, Michigan
Bos, Harold Gibson	River Forest, Illinois
*Boss, Donald	Charlevoix, Michigan
Botermans, Karel Frans	Wassenaar, Netherlands
*Bouman, Harlen Cornelius	Holland, Michigan
Boven, Ronald Jay	Holland, Michigan
*Breid, Mary Louise	Walden, New York
Brieve, Fred Jay	Holland, Michigan
Brink, Suzanne Henrietta	Sheldon, Iowa
*Brinkerhoff, John Soley	Hasbrouck Heights, New Jersey
Bronkhorst, Henry David	Chicago, Illinois
*Bruins, Elton John	Fairwater, Wisconsin
*Brumels, Gordon Keith	Grand Rapids, Michigan
*Bulthuis, Donald Robert	Holland, Michigan
Busman, Jacob Junior	Coopersville, Michigan
*Calsbeek, Harvey Marion	Sibley, Iowa
Cloetingh, Arthur Keppel	State College, Pennsylvania
*Clonan, Edward William	Pompton Lakes, New Jersey
*Coleman, David Alan	Holland, Michigan
*Collins, Robert William Jr.	Grand Rapids, Michigan
Contant, Dorothy May	Hasbrouck Heights, New Jersey

*Veterans

†Attended second semester only.

*Cook, Paul LaVerne	Holland, Michigan
*Cousins, Annette Beryl	Detroit, Michigan
*Crawford, Donald Ennis	Schenectady, New York
Cronheim, Albert Frederick	Grand Rapids, Michigan
*Daane, Robert Isaac	Grand Haven, Michigan
*Daniels, John	Raritan, New Jersey
De Boer, Shirley Ann	Detroit, Michigan
Decker, Kenneth Booi	Danforth, Illinois
De Graaf, Ruth Charlotte	Holland, Michigan
*De Groot, Earl	St. Anne, Illinois
De Jong, Conrad Keith	Kawait, Arabia
*De Mull, Clair Frank	Grand Rapids, Michigan
De Vette, Doris Koskamp	Oostburg, Wisconsin
De Voogd, Lawrence Robert	Comstock Park, Michigan
*DeVries, Abraham	Cicero, Illinois
DeVries, Margaret Elinor	Conrad, Montana
*DeWitt, Don Everett	Detroit, Michigan
*DeWitt, Donald George	Holland, Michigan
De Wolfe, Norman	Schenectady, New York
*De Young, Jacob Junior	Grand Rapids, Michigan
*De Young, Robert Allen	Holland, Michigan
DeYoung, Robert Duane	Grand Rapids, Michigan
*Dinger, John Philip	Queens, New York
*Dirkse, Lamont Dale	Hingham, Wisconsin
Doorenbos, Leona Genevieve	Morrison, Illinois
*Downs, Richard Charles	Redwood City, California
Drake, Lorraine Marie	Rochester, New York
Draper, Iris Mary	Taylorville, Illinois
*Draper, Robert James	Holland, Michigan
*Dunning, Edward Baker	Jackson Heights, New York
*Dykema, Nelson	Holland, Michigan
Dykstra, Harold Jr.	Danforth, Illinois
Dykstra, Helen May	Muskegon, Michigan
*Dykstra, Leon	Grand Rapids, Michigan
*Ebneeth, Alex	Catskill, New York
*Eckerson, Earl Raymond	Schenectady, New York
Eilander, Barbara Jeanne	Holland, Michigan
Eskite, Betty Davis	Baltimore, Maryland
Failing, John Fletcher Jr.	Grand Rapids, Michigan
*Failor, Harlan John	Oostburg, Wisconsin
*Fairchild, Richard Worthington	Schenectady, New York
Fikse, Cynthia	Chandler, Minnesota
*Flaherty, Richard Wm.	Dearborn, Michigan
Folkert, Beatrice Mae	Holland, Michigan
*Fox, James Wilding	Birmingham, Michigan
*Frederickson, Philip A.	Cassadaga, New York
Frego, Max Vernon	Holland, Michigan

- *Funckes, Arnold Jay
Ganley, Oswald H.
Ganote, Rovilla
- *Geary, Daniel Courtlant
- *Gerritsen, George Contant
Gess, Shirley Jean
- *Gifford, Charles Alfred
- *Gnade, Gerard Rudolph Jr.
Gorman, Gene Robert
- *Goshorn, William Paul
Goulooze, Floyd William
- *Gunn, Roger Dale
Hagstrom, Kathleen Ann
- *Hakken, Bernard Daniel
Harling, Donald Page
- *Harsevoort, Eugene Henry
Harvey, Louis Robert
Haskin, Prudence L. D.
- *Haycock, Clifford Peer
- *Hendricks, Roger Paul
Hendrickson, Paul Gordon
Heneveld, Winston Harold
Hermance, Myron Erastus
High, Lillian Kathleen
Hill, Robert Alex
Hill, Shirley Ann
Hirschy, Geraldine May
- *Hoekstra, John Howard
- *Hoffman, James Edward Jr.
- *Hogan, Robert William
- *Holman, James Richard
Holwerda, William Donald
Hornbrook, Jane Ellen
- *Houtman, Robert Wayne
Hrbek, Felicia May
Hungerink, Norma Mae
- *Jalving, Howard Alex
Jannenga, Evelyn Mae
Jansma, Ann Ruth
Jekel, Earl Howard
- *Jellema, Wm. W.
- *Johnson, Roger Leon
- *Joseph, Thomas
- *Ketchum, Jack H.
- *Kieft, Henry Robert
- *Kleis, Kenneth J.
- *Kline, Walter J.
- Holland, Michigan
- Forest Hills, New York
- Columbia, Missouri
- Clifton, New Jersey
- Hasbrouck Heights, New Jersey
- Brimfield, Indiana
- Weedsport, New York
- Ridgewood, New Jersey
- Zeeland, Michigan
- Douglas, Michigan
- Holland, Michigan
- Holland, Michigan
- Muskegon, Michigan
- Baghdad, Iraq
- N. Nigeria, Africa
- Clinton, Wisconsin
- Grand Rapids, Michigan
- Holland, Michigan
- Bradley Beach, New Jersey
- Grand Rapids, Michigan
- Grand Rapids, Michigan
- Muskegon, Michigan
- Hudson, New York
- Emmett, Michigan
- Brooklyn, New York
- Grand Rapids, Michigan
- Plainwell, Michigan
- Kalamazoo, Michigan
- Hasbrouck Heights, New Jersey
- Newburgh, New York
- Chicago, Illinois
- Grand Rapids, Michigan
- Westchester, Illinois
- Holland, Michigan
- Tenafly, New Jersey
- Vriesland, Michigan
- Holland, Michigan
- Berwyn, Illinois
- Chicago, Illinois
- Holland, Michigan
- Chicago, Illinois
- Grand Rapids, Michigan
- Flint, Michigan
- Holland, Michigan
- Holland, Michigan
- Holland, Michigan
- Muskegon, Michigan

- *Klomprens, Paul Vernon
Holland, Michigan
- Kloosterman, Gertrude Nela
Kalamazoo, Michigan
- *Knoolhuizen, Ervin R.
Holland, Michigan
- Koch, Elizabeth Anne
Somerville, New Jersey
- *Koop, Dell W.
Holland, Michigan
- *Koop, Robert
Holland, Michigan
- Kooyers, Mary L.
Holland, Michigan
- Kraak, Peter
Decatur, Michigan
- Kraay, Louis P.
Danforth, Illinois
- Kranendonk, Dorothy
Oostburg, Wisconsin
- *Kranendonk, Paul William
Oostburg, Wisconsin
- *Kranendonk, Robert K.
New York, New York
- *Krans, Robert
Hudsonville, Michigan
- *Kruithof, John Donald
Grand Rapids, Michigan
- *Kuiper, Robert J.
Holland, Michigan
- *Lam, Gow T.
New York, New York
- †Lamb, James O.
Holland, Michigan
- *Lambers, Marlin
Holland, Michigan
- Lanning, Earl M.
Holland, Michigan
- Lee, Don E.
Flushing, L. I., New York
- *Leestma, Kenneth N.
Grand Rapids, Michigan
- *Lenters, Harold
Hudsonville, Michigan
- *Leonard, Richard William
Harrington Park, New Jersey
- Link, Charles Wm.
Catskill, New York
- Lupkes, Paul Leslie
Aplington, Iowa
- *Maassen, Pierce Emmett
Friesland, Wisconsin
- *Maatman, Herbert Jr.
Holland, Michigan
- *Mackay, William Learmonth
Holland, Michigan
- Macqueen, John Arendsen
Holland, Michigan
- *Makowsky, Vassel William
Argo, Illinois
- *Mankin, Harold Allen
Detroit, Michigan
- Marcus, Eugene Stanley
Holland, Michigan
- Marema, Jack Gordon
Grand Rapids, Michigan
- *Martin, Raymond Henry
Bronx, New York
- *Masse, Lawrence Raymond
Holland, Michigan
- *Mastenbrook, Clifford Robert
Grand Haven, Michigan
- McCrum, Joseph
Brooklyn, New York
- *McFall, Ted William
Holland, Michigan
- *McGee, Teddy Manford
Mt. Clemens, Michigan
- McRae, Marylou
Mt. Vernon, New York
- *Melpolder, Wayne Gerald
Grand Rapids, Michigan
- *Menasian, Andrew Paul
West New York, New Jersey
- *Mepyans, Martin John
Plymouth, Michigan
- *Mepyans, Marvin George
Plymouth, Michigan
- *Meyer, Hendrik
Kalamazoo, Michigan
- *Miedema, William John
Grand Rapids, Michigan
- Milne, Dorothy Marie
Pittsfield, Massachusetts

- Moerdyk, Margaret Jean
 *Moerland, Abraham
 Moes, Harvey Willard
 *Moore, Gordon Wells
 *Moore, Wade Hampton
 *Mulder, Charles Henry
 *Mulder, Paul Melvin
 Mull, Gerard Edward
 *Muyskens, Paul Eugene
 *Neathammer, William Frederick
 Nelson, Christina Marie
 *Noordhoff, Merrill Samuel
 *Norgrove, Wallace Lloyd
 †Ondra, Robert
 *Oosterbaan, Norman
 *Patterson, James Robert
 *Paul, Daniel Lewis
 *Pennings, Adrian Burrell
 *Pfungstel, James John
 *Pickens, Samuel Claude
 Pyle, Wendell Glenn
 Rabbe, Roy Leed
 Riechert, Marion Louise
 Ritsema, Herbert
 Rivenburgh, Jean
 Rose, Frances Elaine
 *Rosenberg, Ronald John
 *Ross, Ernest Jr.
 *Ruys, Kenneth
 Ruys, Ruth Pearl
 *Ryskamp, John Howard
 Schaap, Marguerite
 Schmidt, Esther Emmy
 *Schneider, George Henry Jr.
 Scholten, Eugene Alvin
 *Scholten, Walter Augustus Jr.
 *Schroeder, Marion Frances
 Schuiteman, Robert Alan
 †Seeley, Genevieve A.
 *Selover, Carl Lloyd
 Sharpe, John Harry
 Sherman, Phyllis Jeanne
 Siderius, Norman John
 *Sikkel, Antoinette Carolyn
 *Sivyer, William Merton Jr.
 Slikkers, George Jr.
 Slinn, Marion Freida
 Holland, Michigan
 Grand Rapids, Michigan
 Hudsonville, Michigan
 Roosevelt, New York
 Cleveland, Ohio
 Grand Haven, Michigan
 Holland, Michigan
 Catskill, New York
 Orange City, Iowa
 Detroit, Michigan
 Muskegon, Michigan
 Orange City, Iowa
 Grand Rapids, Michigan
 Berwyn, Illinois
 Holland, Michigan
 Detroit, Michigan
 Brooklyn, New York
 Rotterdam Jct., New York
 Haskell, New Jersey
 Hankow, China
 Paterson, New Jersey
 Mt. Vernon, Virginia
 Riverdale, New Jersey
 Momence, Illinois
 Chatham, New York
 Grand Rapids, Michigan
 Byron, Illinois
 Sparkill, New York
 Holland, Michigan
 Muskegon, Michigan
 Lakewood, Ohio
 Holland, Michigan
 Ridgewood, New Jersey
 Flushing, L. I., New York
 Holland, Michigan
 Poughkeepsie, New York
 Gilman, Illinois
 Muskegon, Michigan
 Grand Rapids, Michigan
 New Brunswick, New Jersey
 N. Tarrytown, New York
 Brooklyn, New York
 Lansing, Illinois
 Holland, Michigan
 Rockwood, Michigan
 Holland, Michigan
 Spring Valley, New York

*Sluyter, Dona Belle	Holland, Michigan
*Smink, Bernard	Detroit, Michigan
Smith, Julia Etta	Holland, Michigan
*Smith, Walter Wesley	St. Albans, New York
Sneden, Lee Herbert	Byron Center, Michigan
Stegeman, Nelson Willard	Hudsonville, Michigan
*Stephens, John Ross	Galesburg, Illinois
*Stetson, Edward Levine	Bristol, Pennsylvania
Stillman, Allyn Neil	Brooklyn, New York
*Stoner, Alden J.	Holland, Michigan
*Streeter, Harold Edward	Sparta, Michigan
Streur, Isla R.	Holland, Michigan
Studdiford, Walter Beekman	Somerville, New Jersey
Sutfin, Duane Clark	Chicago, Illinois
Swander, Roberta Jane	Grosse Point, Michigan
Swart, Calvin William	DeMotte, Indiana
*Sweet, Alan James	Rochester, New York
Ten Hoeve, Joan Kay	Brooklyn, New York
*Ter Beest, David Clarence	Brandon, Wisconsin
Ter Borg, Lloyd Herman	Muskegon, Michigan
Thompson, Paul Madery	Three Rivers, Michigan
Thomson, Nan Bruce	Detroit, Michigan
*Timmer, Harris Bert	Grand Rapids, Michigan
*Timmerman, Gordon Jay	Grand Rapids, Michigan
*Toner, Ward Emerson	Muskegon, Michigan
*Toonder, Thomas David	Detroit, Michigan
Toussaint, Jeanne Elaine	Milwaukee, Wisconsin
*Tuls, Arthur William	Holland, Michigan
*Tuurling, Henry Frederick Jr.	Holland, Michigan
Ultee, Casper Jan	Hillegom, Netherlands
*Van Arendonk, Gerald Gerber	Harrison, South Dakota
*Van Dam, Evelyn June	Hudsonville, Michigan
*VandenBosch, Frederick	Zeeland, Michigan
VanderBorgh, Janice	Holland, Michigan
Vander Ley, Mary Jane	Grand Rapids, Michigan
Vander Meer, Canute	Battle Creek, Michigan
Vander Ploeg, Ruth Elaine	Holland, Michigan
*Vander Sluis, Adrian Clarence	Holland, Michigan
Van Eenenaam, Robert Dale	Holland, Michigan
Van Egmond, Hermina	Monarch, Alberta, Canada
Van Farowe, Lorraine Joyce	Zeeland, Michigan
*Van Hoeven, Gordon Russell	Grand Rapids, Michigan
*Van Raalte, Carl Christian	Holland, Michigan
*Van Raalte, Lloyd Hopkins	Holland, Michigan
Van Ry, Donald Jay	Holland, Michigan
*Van Wieren, Chester Martin	Holland, Michigan
*Van Zanten, Smith Craig	Grand Haven, Michigan

*Van Zyl, Allison Lynn	Holland, Michigan
*Veltman, Dean Kay	Winterset, Iowa
Vergeer, John Teunis	Holland, Michigan
Ver Helst, Maurice	Grand Haven, Michigan
*Ver Hey, William Jacob	Holland, Michigan
Vinkemulder, Joyce Laverne	E. Grand Rapids, Michigan
*Visser, Henry Junior	Holland, Michigan
Voskuil, Mary Elizabeth	New Brunswick, New Jersey
Warnshuis, Dolores Thomas	Saugatuck, Michigan
*Warnshuis, Paul Roger	Ionia, Michigan
Weener, Henrietta Grace	Kalamazoo, Michigan
*Welch, Richard Floyd	Bridgman, Michigan
Westerhoff, Robert Jay	Holland, Michigan
*White, Willis B. Jr.	East Schodack, New York
*Wickert, Jack John	Macatawa, Michigan
*Wieghmink, Lloyd Gordon	Holland, Michigan
Willits, John Cozier	Grand Rapids, Michigan
Wilson, Joan	E. Chatham, New York
Wolfensperger, Margaretha	Zwolle, Netherlands
Wolterbeek, Jacob Cornelis	The Hague, Netherlands
Wolters, Ann Elaine	Holland, Michigan
Yonker, Nicholas Junior	Muskegon, Michigan
Zwemer, Frank Lanus	Lakewood, Ohio

JUNIORS

*Akker, Levi Willis	Holland, Michigan
Alkema, Henry James	Muskegon, Michigan
Arwe, Alfred Homer	Boonton, New Jersey
Banna, Faried Aboody	Basrah, Iraq
*Blane, James Jr.	Bergenfield, New Jersey
Blocker, Glenn Allen	Auburn, New York
*Boers, Albert Jay	Grand Rapids, Michigan
*Boeskool, Jack Gerald	Grand Rapids, Michigan
Boeve, Clarence William	Holland, Michigan
Borr, Marijane	Holland, Michigan
*Bouwens, Glenn Junior	Zeeland, Michigan
*Bremer, John Jr.	Holland, Michigan
Brondyke, Jean Marie	Fulton, Illinois
Brooks, Louie Upham	Holland, Michigan
*Brower, Robert Lee	Zeeland, Michigan
Brunsell, Joyce Lorene	Holland, Michigan
*Bulson, Thomas Joseph	Holland, Michigan
Butler, Frank Eugene	Auburn, New York
*Bylsma, Harold Roger	Grand Rapids, Michigan
*Campbell, Eugene Colin	Muskegon, Michigan
Campbell, Hugh McMaster	Kalamazoo, Michigan

- *Claus, Howard Shelby
 Cleason, Donald J.
 Corp, Nancy Lee
 Dalman, Joseph Irwin
 Dean, Harold Ralph
 DeBoer, Joyce Jeannine
 *DeKok, Paul Wesley
 Devore, Wynetta
 De Witt, Kenneth Wayne
 *DeWitt, Peter Broomhead
 De Wolf, John Edward Jr.
 *De Young, James A.
 †Droppers, Neil A.
 Dykema, James Arthur
 *Eikenhout, Paul Henry
 England, Lois Ann
 Erickson, Robert George
 Esparza, Richardo Solis
 Eyerly, Robert Walter
 Fairchild, Donald Leon
 *Felton, Martha Harriet
 Fennema, Dorothy Ann
 Fenton, Marjorie Jean
 *Fett, E. Reinold
 Fieldhouse, Wayne Jay
 Fikse, Lucille Ann
 Franken, Harold
 *Frelander, Allen Edwin
 Freyling, Dolores Jean
 Galien, John Jr.
 *Gier, David Burton
 Goding, Gordon Victor
 Gravenhorst, Alice Mildred
 *Groters, Jarold Harvey
 Haaksma, Jack Cole
 *Haight, Ernest E.
 Hakken, James Adrian
 Haldenwang, Marie Helen
 Hamelink, William Dale
 Hartley, Robert Philip
 Hazekamp, Donald Wayne
 *Hedberg, George Jr.
 Hendrieth, Pauline
 *Herman, Jack Paul
 Heese, Virginia Mary
 Hinga, William Kendrick
 Hinkamp, Eloise Gertrude
 Peoria, Illinois
 Palmyra, New York
 Auburn, New York
 Hudsonville, Michigan
 Keyport, New Jersey
 Kalamazoo, Michigan
 Sheldon, Iowa
 Metuchen, New Jersey
 Grand Haven, Michigan
 Holland, Michigan
 Rochester, New York
 Friesland, Wisconsin
 Oostburg, Wisconsin
 Muskegon, Michigan
 Grand Rapids, Michigan
 Chicago, Illinois
 Saugatuck, Michigan
 W. Palm Beach, Florida
 Rockville Center, New York
 Schenectady, New York
 Schenectady, New York
 Chicago, Illinois
 Temple, Texas
 Grand Haven, Michigan
 Chicago Heights, Illinois
 Steen, Minnesota
 Holland, Michigan
 Holland, Michigan
 Grand Rapids, Michigan
 Holland, Michigan
 Lansing, Michigan
 Holland, Michigan
 Hillside, New Jersey
 Holland, Michigan
 Grand Rapids, Michigan
 Holland, Michigan
 Baghdad, Iraq
 Madison, New Jersey
 Holland, Michigan
 Hawthorne, New Jersey
 Muskegon, Michigan
 Grand Rapids, Michigan
 Brewton, Alabama
 Elmhurst, New York
 Flushing, L. I., New York
 Holland, Michigan
 Poughkeepsie, New York

- *Hoekenga, Willard Peter
 *Hoeting, Donald
 Holkeboer, Paul Edward
 *Holman, Richard Harold
 †Hondorp, Donald J.
 *Howard, Robert Benjamin
 Huyser, Earl Stanley
 Ihrman, G. Eloise
 Johnson, Barbara Ann
 *Johnson, Kenneth Fraser
 Johnson, Ruth Marie
 Joldersma, John Maurice
 *Karsten, David Prisman
 *Karsten, Frederick Adrian
 Keizer, Gladys Norrine
 Kelley, Charles Thomas
 Kerle, Edward Joseph
 *Klomp, Gerrit Gene
 *Klompvarens, Dale
 Kooyers, Harold Clinton
 Kooyers, Lloyd Ellsworth
 Korteling, Ruth Kamala
 Korver, Russell Lee
 Lanning, Sandra Jane
 *Laughlin, William Jerome
 Lejeune, James Frederick
 Lenderink, Donald R.
 Leverette, Edward De Vane
 Lewis, Samuel Randolph
 *Liddle, Keith Huntley
 Lidston, Ellen Margaret
 Little, Mary Irene
 Londo, Leonard Marvin
 Macqueen, Kathrynne Jean
 Malewitz, Thomas Donald
 McCallum, Hamilton
 *McCloud, Thomas W.
 McConnell, Constance Ann
 Meulbroek, Florian Dennis
 *Meyer, Hendrik Dosker
 Miller, Richard Eugene
 Monk, Everett William
 Muktar, Kamil Elias
 *Murray, George Piersol
 Muyskens, David Pavnall
 Naber, John Edward
 Nelke, Carl Dennis
 Muskegon, Michigan
 Teaneck, New Jersey
 Holland, Michigan
 Chicago, Illinois
 Grand Rapids, Michigan
 Holland, Michigan
 Holland, Michigan
 Racine, Wisconsin
 Plainwell, Michigan
 Chicago, Illinois
 Hillsdale, New York
 Grand Haven, Michigan
 Holland, Michigan
 Horicon, Wisconsin
 Byron Center, Michigan
 East Jaffrey, New Hampshire
 Passaic, New Jersey
 Zeeland, Michigan
 Holland, Michigan
 Grand Rapids, Michigan
 Holland, Michigan
 Chittoor Dist., S. India
 Orange City, Iowa
 Holland, Michigan
 Grand Rapids, Michigan
 Holland, Michigan
 Grand Rapids, Michigan
 Holland, Michigan
 Brewton, Alabama
 Holland, Michigan
 No. Bergen, New Jersey
 New York, New York
 Morrison, Illinois
 Holland, Michigan
 Holland, Michigan
 Chicago, Illinois
 Oak Park, Illinois
 Middlebush, New Jersey
 Sheboygan, Wisconsin
 Kalamazoo, Michigan
 Wallkill, New York
 Flushing, L. I., New York
 Basrah, Iraq
 Pittsburgh, Pennsylvania
 Madanapalle, So. India
 Holland, Michigan
 Midland Park, New Jersey

- Newton, Howard Edwin
 *Norgrove, Richard Raymond
 Osterhaven, Wilma Ann
 Otte, Corwin Robert
 *Ottipoby, Collins James
 *Pelon, John Frederick
 *Petroelje, Preston James
 Phillips, Burt William
 *Phillips, John Stacey
 Pierce, Edna Mae
 *Pomp, Jerold
 Post, Joyce Elaine
 Priest, George Joseph
 Radcliffe, Margaret Juanita
 Rauschenbach, Alfred Herman
 Reineke, George Einer
 Richardson, Elwin Jr.
 Robinson, Mable Eleanor
 Roest, Suzellen Claire
 *Rooks, Wendell Jay
 *Rycenga, Ted Jay
 Rynbrandt, Anita June
 *Schipper, Vern James
 Schoonveld, Margaret Minnette
 Schultz, George Peter
 *Shafer, Roger Glenn
 Sharp, Catherine Wilson
 *Shay, Mervyn Charles
 Shilling, Constance Blanche
 Short, Eleanor Louise
 Sikkema, LaVerne Arthur
 *Simpson, Russell Norman
 *Smallegan, John Edward
 Smith, Nancy Louise
 Smith, William Charles
 Smouse, Kenneth W.
 *Speet, Herman
 *Staal, John Jr.
 Sterken, Gordon Jay
 *Stevenson, Robert O'Neil
 Stewart, Richard Dwayne
 *Stoppels, Robert Milton
 Taylor, Jack Loyd
 Tellinghuisen, Duane Richard
 Thomson, Beth Estelle
 †Torga, Arthur
 *Van Anrooy, John Albert
 Palisades, New York
 Grand Rapids, Michigan
 Grand Rapids, Michigan
 Shaker Heights, Ohio
 Laguna, New Mexico
 Holland, Michigan
 Zeeland, Michigan
 Lakewood, Ohio
 Waldwick, New Jersey
 Redlands, California
 Holland, Michigan
 Holland, Michigan
 Freeport, New York
 Dearborn, Michigan
 Dumont, New Jersey
 Park Ridge, New Jersey
 East Williamson, New York
 Sparkhill, New York
 Marion, Ohio
 Holland, Michigan
 Spring Lake, Michigan
 Grand Rapids, Michigan
 Zeeland, Michigan
 DeMotte, Indiana
 Evergreen Park, Illinois
 Schenectady, New York
 Clifton, New Jersey
 Schenectady, New York
 South Holland, Illinois
 Auburn, New York
 Morrison, Illinois
 Holland, Michigan
 Hudsonville, Michigan
 Muskegon, Michigan
 Chicago, Illinois
 Marseilles, Illinois
 Holland, Michigan
 Grand Rapids, Michigan
 Grand Rapids, Michigan
 Plymouth, Michigan
 Gary, Indiana
 Sully, Iowa
 Zeeland, Michigan
 Holland, Michigan
 Middlebush, New Jersey
 Grand Rapids, Michigan
 Grand Haven, Michigan

Van Ark, Myron Dale	Holland, Michigan
Van Den Biesen, Jean Anna	No. Bergen, New Jersey
Vander Laan, Gordon Louis	Muskegon, Michigan
Van De Wege, Edwin Jay	Holland, Michigan
Van Dyke, Robert Stuart	Grand Rapids, Michigan
Van Dyke, Russell Austin	Rochester, New York
Van Dyke, Ruth Elaine	Berrien Springs, Michigan
Van Ingen, Donald Louis	Holland, Michigan
Van Neuren, Barbara Ann	Grand Rapids, Michigan
*Van Slooten, Ben R.	Holland, Michigan
Van't Hof, William Keith	Detroit, Michigan
Van Weelden, Marillyn Joyce	Kalamazoo, Michigan
Van Wingen, Thomas Lee	Grand Rapids, Michigan
*Van Wynen, Gerard	Holland, Michigan
Van Zoeren, Alicia Harriet	Mohawk, New York
Veltman, Kathleen Stuart	Winterset, Iowa
Ver Beek, Jeanne Elaine	Muskegon, Michigan
Visscher, Harrison C.	Hudsonville, Michigan
Visscher, Robert Dale	Hudsonville, Michigan
Votaw, Charles Lesley	Muskegon, Michigan
Vruggink, Elmer H.	Hudsonville, Michigan
Vyverberg, Nancy Helen	Rochester, New York
Wagner, Robert Jay	Redlands, California
†Whitford, Marilyn J.	Grand Rapids, Michigan
*Wierda, Morris J.	Holland, Michigan
Wierenga, Gardner H.	Hudsonville, Michigan
*Wojahn, Robert William	Holland, Michigan
Woods, Barbara Joan	Somerville, New Jersey
Workman, John Edward	Muskegon, Michigan
*Zwemer, Roy Donald	Marquette, Michigan

SOPHOMORES

Adams, Doris Gertrude	Sheboygan Falls, Wisconsin
Albers, Robert Paul	Holland, Michigan
Andrews, Nancy Helen	Delmar, New York
Bakker, Duward J.	Holland, Michigan
Bardwell, Betty Gay	Rochester, New York
†Barry, Robert V.	Holland, Michigan
Beach, Clinton Fisk	Rochester, New York
Beekman, Arlene Ruth	Holland, Michigan
†Beekman, Lloyd G.	Grand Haven, Michigan
Bennett, James Robert	Holland, Michigan
Bernius, Julia Tonner	Baldwin, New York
Beuker, John Trompen	Marshall, Michigan
Bishop, Raymond Culver	Teaneck, New Jersey
Blouin, Richard Earl	Poughkeepsie, New York

Bluekamp, Paul	Holland, Michigan
Bocks, William Michael	Holland, Michigan
Bolthouse, Elaine Carol	Spring Lake, Michigan
Bont, Eugene Merlin	Grand Rapids, Michigan
*Boon, Maurice Eugene	Grand Haven, Michigan
Borchers, Bernard Frederick	Peoria, Illinois
Borgman, Clayton Howard	Muskegon Heights, Michigan
Bos, Robert Charles	N. Muskegon, Michigan
Bos, Ronald R.	Holland, Michigan
Brandt, Donald Jack	Grand Rapids, Michigan
Bremer, Andrew Junior	Holland, Michigan
Brink, Irwin Jay	Hudsonville, Michigan
*Brink, Robert George	Plymouth, Michigan
Brinks, Donald	South Haven, Michigan
Brinza, Kenneth Charles	Cleveland, Ohio
*Brockway, Donald G.	Flint, Michigan
Brokaw, Raymond William	Neshanic Station, New Jersey
Brower, David J.	Holland, Michigan
Brown, James Herbert	Bronx, New York
Bruins, Barbara Anne	Douglaston, L. I., New York
Buckhout, Paul Nicholas	Battle Creek, Michigan
Buitendorp, Don	Muskegon, Michigan
Bussies, Gilbert Jr.	Holland, Michigan
Buttles, Mary Celia	Holland, Michigan
Buttles, Molly Angela	Holland, Michigan
*Byl, Mitchell Cornelius	Grand Rapids, Michigan
Caldwell, Richard Chester	Hasbrouck Heights, New Jersey
*Christensen, Owen Erick	Gardner, Massachusetts
Cook, Betty Deane	Holland, Michigan
Cook, Frederick Sargent	Teaneck, New Jersey
Cottrell, James Richard	Schenectady, New York
Cox, Gordon Ellsworth	Chicago, Illinois
Crichton, David	Irvington, New Jersey
Crist, Carol Stewart	Holly, Michigan
Cross, Olive Betty	Niagara Falls, New York
Cuddeback, Kenneth Louis	Port Jervis, New York
Cupery, Harold Sydney	Randolph, Wisconsin
Curtis, Caryl Jane	Holland, Michigan
†Davis, Abbot G.	Saugatuck, Michigan
DeLoof, Yvonne, Ruth	Holland, Michigan
DeNeut, Marjorie Ann	Grand Rapids, Michigan
Dennison, Robert Artson	Glen Ridge, New Jersey
DePree, Gordon	Zeeland, Michigan
*deSpelder, James Francis	Grand Haven, Michigan
DeValois, Margaret Francine	Katpadi, S. India
De Vries, James Marvin	Holland, Michigan
DeWitt, Dingeman John	Holland, Michigan

- DeWitt, Howard Eugene
 *DeYoung, Delbert Norman
 De Young, Donald Henry
 De Young, Kenneth Norman
 Dobben, Clifford George
 *Doig, Donald Bruce
 *Dolnik, Joseph Julius
 Dowd, Betty Anne
 Droppers, Muriel Jane
 DuMez, John Robert
 Dunster, June Joy
 Eastman, Marian Joyce
 *Elliott, Verne Leslie
 †Engvold, Helen C.
 Ensing, Hardy
 Erickson, Kenneth Henry
 Estell, William Henry
 Eustace, Gorda Rae
 Fabumni, Larry A.
 Failing, Robert Bruce
 Failor, Marilyn Hilda
 Fasch, Ethel Magdalen
 Feenstra, Philip Thys
 Finlaw, William Whitar
 Friderici, Arthur Jonas
 Gearhart, Ezra F.
 *Geenen, Adrian Cornelius
 Georgia, Willard Edwin Jr.
 Gore, Genevieve N.
 Gore, Gloria
 Gothan, Spencer Veryl
 Gross, Joseph William
 Hager, David John
 Hall, Phyllis Mary Ann
 Haringsma, Doris Lorraine
 Harper, Robert Michael
 Harvey, Lester James II
 Helmholtz, Robert Duane
 Henniges, Robert Walter
 Herder, Anna Elizabeth
 Hezinger, Annette
 *Hieftje, Fred J.
 *Hildore, Lawrence Edward
 Hobler, Aurora Geraldine
 Hoener, Edmund
 Hoffman, Donald Wayne
 Hoffman, Norma Martha
 Sturgis, Michigan
 Friesland, Wisconsin
 Grand Rapids, Michigan
 Sparta, Michigan
 N. Muskegon, Michigan
 Birmingham, Michigan
 Holland, Michigan
 Livingston, New York
 Sheboygan, Wisconsin
 Holland, Michigan
 New Brunswick, New Jersey
 Holland, Michigan
 Traverse City, Michigan
 Schenectady, New York
 Hudsonville, Michigan
 Brooklyn, New York
 Freehold, New Jersey
 Manhasset, New York
 Lagos, Nigeria
 Grand Rapids, Michigan
 Oostburg, Wisconsin
 New Brunswick, New Jersey
 Redlands, California
 Brooklyn, New York
 Amsterdam, New York
 Holland, Michigan
 Holland, Michigan
 Teaneck, New Jersey
 Traverse City, Michigan
 Traverse City, Michigan
 Jackson, Michigan
 Brooklyn, New York
 East Grand Rapids, Michigan
 Holland, Michigan
 Holland, Michigan
 Holland, Michigan
 Grand Rapids, Michigan
 Grand Rapids, Michigan
 Ridgefield Park, New Jersey
 Three Bridges, New Jersey
 Wantagh, L. I., New York
 Zeeland, Michigan
 Racine, Ohio
 Union City, New Jersey
 Hasbrouck Heights, New Jersey
 Grand Rapids, Michigan
 Bayside, L. I., New York

- *Holtrop, Clause A.
 Hoogeveen, Lavina C.
 *Hopkins, Clifford Kent
 Houtman, Mary Ruth
 Huff, Richard Earle
 Hulst, Kenneth Dale
 Hunt, Jack
 Huyser, Ivan Reginald
 Inglis, Donald R.
 *Jaeckel, John Lawton
 Jekel, Eugene Carl
 *Jillson, Frank Alden
 *Johnson, Albert Leonard
 Johnson, John Alfred
 Kalsbeek, Fred Jr.
 Kamphuis, Robert Wayne
 *King, Frederick Alexander
 Klaus, Herbert Jules
 Kleyn, Hazel Nancy
 Kloote, William John
 Koeppel, Ruth Elizabeth
 Kooiker, Gwen Hope
 Kooiman, Donald D. Jr.
 Korteling, May Louise
 *Kraai, Ernest
 Kramer, Rodger Evan
 Kranendonk, Jean Grace
 Kreun, Edith Hazel
 Kromann, Paul Roger
 Kruizenga, Richard John
 Kuiper, Kenneth Wayne
 Laing, William Davis
 Langenberg, Robert James
 Lankenau, Arnold Clarence
 Leach, Phyllis Ann
 Leafstrand, Douglas James
 Leese, Patricia Jane
 Lemmen, Douglas Ray
 Liffers, Ernest Howard
 Lockwood, Robert Harris
 Lokker, Donald Roger
 Loula, Louise Ann
 *Lovelace, Leroy
 *Lumley, Ronald
 Lumsden, Roy Stewart
 Lyons, Shirley Mae
 Marcusse, Jacqueline Mae
 Grand Haven, Michigan
 Grand Rapids, Michigan
 Holland, Michigan
 Holland, Michigan
 Schenectady, New York
 Holland, Michigan
 Fraser, Colorado
 Holland, Michigan
 Bayside, L. I., New York
 Auburn, New York
 Holland, Michigan
 Holland, Michigan
 King Ferry, New York
 Rochester, New York
 Muskegon, Michigan
 Holland, Michigan
 Glen Rock, New Jersey
 Floral Park, New York
 Indianapolis, Indiana
 Grand Rapids, Michigan
 Fukien, China
 Holland, Michigan
 Grand Rapids, Michigan
 New York, New York
 Zeeland, Michigan
 Holland, Michigan
 Oostburg, Wisconsin
 Chandler, Minnesota
 Holland, Michigan
 Spring Lake, Michigan
 Holland, Michigan
 Nanuet, New York
 Grandville, Michigan
 Grand Rapids, Michigan
 Park Ridge, New Jersey
 N. Muskegon, Michigan
 Grand Rapids, Michigan
 Holland, Michigan
 Teaneck, New Jersey
 Teaneck, New Jersey
 Holland, Michigan
 Berwyn, Illinois
 Brewton, Alabama
 Yonkers, New York
 Niagara Falls, New York
 Holland, Michigan
 Holland, Michigan

- †Marion, Richard W.
 *Marklein, Lothar K. W.
 *Martin, Frederick Leonard
 Mayo, Eunice Leah
 *McConnell, Kenneth B.
 McCormick, Finlay Aden
 *McLaren, John
 *McMillan, Alexander Conning
 Mellema, Jack Hubert
 Menkir, Yohannes
 Mennenga, Ruth Helene
 *Milne, Raymond Cleatus Jr.
 *Mitsos, Paul James
 Moes, Dale Eugene
 *Monroe, Douglas Donald
 Morse, Neil Gilbert
 Mulder, Marjorie Ann
 Naden, Helen Jean
 Nash, Betty Jane
 Nichols, Lois Marie
 Nienhuis, John Samuel
 Nieusma, Dick
 Nordhoff, James Ira
 Northcott, Carol Virginia
 Nyenhuis, Gene E.
 *Nyitray, John
 Olert, Mary Bond
 *Owens, Richard James
 Paarlberg, Ralph E.
 Paffendorf, James A.
 Parson, Henrik
 Parsons, James Edward
 Pas, Patricia Ann
 Peekstok, Duane Gerald
 Peverly, Robert Thomas
 Phillips, Joan Marie
 Piek, Erna Constance
 *Piers, Vernon James
 Prins, Roger Dale
 *Pritchard, James Edward
 Putman, William Patrick
 Pyle, Shirley Geraldine
 Rabey, Catherine Arlene
 Renkema, Loren Earl
 *Reynolds, Charles John
 *Ribbens, Edward John
 Riekse, Marian Jean
 Pompton Lakes, New Jersey
 Straubin, Germany
 Detroit, Michigan
 New Brunswick, New Jersey
 Holland, Michigan
 Schenectady, New York
 Indian Rocks, Florida
 West New York, New Jersey
 Zeeland, Michigan
 Addis Ababa, Ethiopia
 Holland, Michigan
 Pittsfield, Massachusetts
 Gary, Indiana
 Holland, Michigan
 Gary, Indiana
 Lansing, Michigan
 Holland, Michigan
 Chicago, Illinois
 Holland, Michigan
 Clowson, Michigan
 Cadillac, Michigan
 Holland, Michigan
 Muskegon, Michigan
 Saginaw, Michigan
 Grand Rapids, Michigan
 Kalamazoo, Michigan
 Grosse Pointe, Michigan
 Rochester, New York
 S. Holland, Illinois
 Metuchen, New Jersey
 Karachi, Pakistan
 Coldwater, Michigan
 Zeeland, Michigan
 Kalamazoo, Michigan
 Albany, New York
 Chicago, Illinois
 Douglaston, L. I., New York
 Holland, Michigan
 Holland, Michigan
 Holland, Michigan
 N. Muskegon, Michigan
 Paterson, New Jersey
 Douglaston, L. I., New York
 Hudsonville, Michigan
 Schenectady, New York
 Sheboygan, Wisconsin
 Grand Rapids, Michigan

- Ritter, Thomas F.
 Robertson, George Ingalls Jr.
 Robinson, Salley Ellen
 *Romano, Michael
 Ross, Robert Cornelius
 Ruch, Richard Hurley
 Sauder, Allen Eugene
 Schipper, Eunice Irene
 Schipper, Ronald M.
 Schmidt, Elizabeth Helen
 Schoonveld, Arthur
 Schoonveld, Martha Minnette
 Schuiling, Eva Joy
 *Sealander, Edward Daniel
 Siderius, Annette
 Siderius, Jeannette
 Silcox, Amy Roberta
 Skelton, John Ruxin
 †Sloan, John C.
 *Slosson, Frank Edward
 Slotsema, Ruth Joan
 Smit, Jennie Lorraine
 Smith, Irma Jane
 *Spykerman, John Ellis
 Stewart, Florence Amelia
 Stickels, Edward Leroy
 Sutliff, John Lee
 Taylor, Norman Douglas
 Ten Brink, Dorothy Ruth
 Ten Brinke, Nellie Hermoine
 Thomas, Gayle Stanley
 Thompson, James Franklin
 Thompson, Richard Chandler
 Tien, John Wesley
 Tigelaar, Agatha C.
 Tripp, Wayne Nellis
 Van Bronkhorst, Louise
 Van Dahm, Howard J.
 Vander Kolk, Alvin Lee
 Vander Velde, John C.
 VanderWall, Helen Mae
 VanderWerff, William
 Vander Werp, JoAnn Marcia
 VandeWater, Randall Paul
 Van Dis, Neil George
 Van Dorple, Jack
 Van Dort, Dale
 Petoskey, Michigan
 Bedminster, New Jersey
 Bayside, L. I., New York
 Harrison, New Jersey
 German Valley, Illinois
 Holland, Michigan
 Muskegon, Michigan
 Holland, Michigan
 Zeeland, Michigan
 Ridgewood, New Jersey
 DeMotte, Indiana
 Summit, Illinois
 Grand Rapids, Michigan
 Crandon, Wisconsin
 Lansing, Illinois
 Lansing, Illinois
 Brooklyn, New York
 Ridgewood, New Jersey
 Scotia, New York
 Benton Harbor, Michigan
 Grand Rapids, Michigan
 Summit, Illinois
 Skaneateles, New York
 Holland, Michigan
 Ballston, Spa., New York
 Holland, Michigan
 Niskayuna, New York
 Flushing, L. I., New York
 Holland, Michigan
 Grandville, Michigan
 Saugatuck, Michigan
 South Haven, Michigan
 Neshanic, New Jersey
 Holland, Michigan
 Hudsonville, Michigan
 Wynantskill, New York
 Nooksack, Washington
 Holland, Michigan
 Zeeland, Michigan
 Holland, Michigan
 Zeeland, Michigan
 Yonkers, New York
 Muskegon, Michigan
 Holland, Michigan
 South Haven, Michigan
 Holland, Michigan
 Holland, Michigan

Van Duine, Pauline	Grand Rapids, Michigan
Van Gessel, Douglas Raymond	Paramount, California
Van Gilder, Roberta Jean	Williston Park, New York
Van Harn, Mary Ardella	Zeeland, Michigan
Van Heest, Cornelius Albert	Catskill, New York
Van Heest, Jacqueline Lucille	Catskill, New York
Van Keulen, James III	Grand Rapids, Michigan
Van Koevering, Keith Conrad	Zeeland, Michigan
Van Lare, Carol Deane	Holland, Michigan
Van Regenmorter, Kenneth E.	Holland, Michigan
Van Tatenhove, Marcia	Holland, Michigan
Van Tuinen, Elaine Phyllis	Grand Rapids, Michigan
*Van Voorst, Frederick	Holland, Michigan
†Van Wyk, Kenneth W.	Hull, Iowa
Van Zoeren, Carol Jean	Zeeland, Michigan
*Van Zyl, Gail B.	Holland, Michigan
Veenschoten, Elin Avis	Fukien, China
Veldhuis, Chester LaVerne	Hudsonville, Michigan
Veldman, Marilyn Ruth	Orange City, Iowa
Veltman, Arthur Sidney	Comstock Park, Michigan
Visser, Roger Leonard	Holland, Michigan
Vollmer, Irene Lucille	Holland, Michigan
Voss, Melvin John	St. Anne, Illinois
Wagemaker, Herbert	Grand Rapids, Michigan
Watson, Ann Elizabeth	Saugatuck, Michigan
Weeber, Collins David	Muskegon, Michigan
Weisiger, Richard Kendall	Wyckoff, New Jersey
*Welton, Robert Berton	Holland, Michigan
Wierenga, Barbara Lou	Grand Rapids, Michigan
Willets, Stanley Burton	Grosse Point, Michigan
Wilson, David Palir	East Chatham, New York
Wines, Catherine Priscilla	South Haven, Michigan
Winfield, Jeannette Marguerite	Englewood, New Jersey
Winship, Robert Edward	Leonia, New Jersey
*Wise, Richard Groat	East Lansing, Michigan
Wiseley, Daniel James	Whitmore Lake, Michigan
Wissink, Charles Jay	Grand Rapids, Michigan
Wolters, Elma Jean	Holland, Michigan
Wolters, Rose Arlene	Holland, Michigan
Woodruff, Jean Louise	Elbridge, New York
Wynalda, Jennie Elizabeth	Indianapolis, Indiana
Yifru, Ketema	Harrar, Ethiopia
Yonkman, Fred Albers	Madison, New Jersey
*Yurash, Bernard	Holland, Michigan
Zelinka, Anthony Francis	Chicago, Illinois
Zweizig, Mary Louise	Zion, Illinois
Zwiep, Clair Derick	Holland, Michigan

FRESHMEN

†Abbring, Norman	De Motte, Indiana
Abel, James E.	Hudsonville, Michigan
Adelberg, Roy Parker	North Bergen, New Jersey
Aldrich, William Charles	Holland, Michigan
Allen, Belva Lorraine	Rudyard, Michigan
Anton, Farid David	Basrah, Iraq
Appledorn, Ronald P.	Holland, Michigan
Baker, Don Ervin	Holland, Michigan
Bauman, Kenneth E.	Holland, Michigan
Bedgood, Margaret Christine	Muskegon, Michigan
Bekker, Paul Herman	Holland, Michigan
Benson, Robert Norman	New York, New York
Berghorst, Marcia Anne	Zeeland, Michigan
Blaauw, Jacqueline Joy	Grand Rapids, Michigan
Boersma, Constance Rose	Holland, Michigan
Boersma, John Rodney	Holland, Michigan
Boeve, John	Zeeland, Michigan
Bolks, Vernon Ray	Allegan, Michigan
Bolthouse, Anthony Sheridan	Muskegon, Michigan
Bosch, F. Richard	Flushing, L. I., New York
Bosch, Randall Bayles	Holland, Michigan
*Bosman, Kenneth Paul	Holland, Michigan
Boven, Paul Frederick	Holland, Michigan
Brandt, Robert Rowland	Grand Rapids, Michigan
Breen, Frank	Grand Rapids, Michigan
*Breslin, John	Bronx, New York
*Brink, Irwin Lloyd	Plymouth, Michigan
Brockner, Arthur Bell	Tarrytown, New York
Broersma, Marilyn	Zeeland, Michigan
*Bruininks, Adrian	Grand Rapids, Michigan
Bruns, Leonard Everett	St. Thomas, Virgin Islands
Burrows, Robert Daryl	Holland, Michigan
Buseman, Carol Elizabeth	Hawthorne, New Jersey
Caldwell, Robert Adam	Closter, New Jersey
Capps, Donna Jean	South Haven, Michigan
Christie, Catherine Adams	Flushing, L. I., New York
Cloetingh, Jean Ellen	State College, Pennsylvania
Conner, Marilyn June	Holland, Michigan
Cramblet, Marilyn Alice	Holland, Michigan
Cramer, Gordon Timothy	Midland Park, New Jersey
Dake, Violet Dawn	Fonda, New York
†Davison, Herbert C.	Flushing, New York
DeGraaf, Daniel Lee	Holland, Michigan
*DeJong, John	Holland, Michigan
De Jonge, Audrey Joyce	Zeeland, Michigan

- DeVette, Kathryn Jeanne
 *DeVries, Walter Dale
 DeWard, Jack Woodrow
 DeWitt, Dale S.
 DeWitte, Roy Walter
 DeWolf, Dorine Ann
 Dickman, Lawrence Frederick
 Doig, Patricia Belle
 Doornbos, Jack Henry
 *Douma, Lester Marine
 Dry, Lloyd Crichton
 Dykema, Marjorie Anne
 Dykstra, Charles Leonard
 †Dykstra, Jack Louis
 Edwards, James Ernest
 Ekema, Roger Vern
 Eshoo, Khaldoon A.
 Exo, Warren Dale
 Ferguson, Constance Ann
 Fleishmann, Charles Max
 *Freese, Louis W.
 *Fuder, Verne Eugene
 Gabrielse, Marilyn Ann
 Gebben, Nelson Jay
 Geerds, Joanne
 Geerlings, Mary Joanna
 Gemmill, Miriam Joyce
 *Giebink, John William
 Gifford, Philip De Veaux
 Gill, Helena L. R.
 *Gillette, Donald G.
 Glupker, Kenneth W.
 Grunden, William Oscar
 Guenther, Douglas Paul
 Haas, John David
 Haase, Donald C.
 Hagni, Richard Davis
 *Hambridge, Richard Franklin
 Hamilton, John Lee
 Handy, Ronald Wayne
 Hanson, David Paul
 Harmeling, Wm. Henry
 Hascup, Jack
 Heidanus, Phyllis Mae
 †Heiser, Robert
 *Hessler, Russell Milton
 Hill, Carol Marie
 Muskegon, Michigan
 Holland, Michigan
 Sheboygan, Wisconsin
 Holland, Michigan
 Muskegon, Michigan
 Rochester, New York
 Zeeland, Michigan
 Birmingham, Michigan
 Holland, Michigan
 Holland, Michigan
 Bronx, New York, New York
 Muskegon, Michigan
 Reed City, Michigan
 Muskegon, Michigan
 New Richmond, Michigan
 Kalamazoo, Michigan
 Basrah, Iraq
 Holland, Michigan
 Kalamazoo, Michigan
 Muskegon, Michigan
 Holland, Michigan
 Holland, Michigan
 Oostburg, Wisconsin
 Zeeland, Michigan
 Holland, Michigan
 Holland, Michigan
 Holland, Michigan
 Waupun, Wisconsin
 Passaic, New Jersey
 Pittsburg, Pennsylvania
 Hudsonville, Michigan
 Chicago, Illinois
 Mt. Vernon, New York
 Cloversville, New York
 Bogota, New Jersey
 Detroit, Michigan
 Howell, Michigan
 Holland, Michigan
 Buchanan, Michigan
 Lakewood, Ohio
 Brooklyn, New York
 Chicago, Illinois
 Rochelle Park, New Jersey
 Kalamazoo, Michigan
 Berkley, Michigan
 Holland, Michigan
 Scotia, New York

- Hillebrands, Donald Bruce
 *Hoekstra, George
 *Hoffman, William M.
 Hogenboom, Kermit G.
 *Holman, Paul Arthur
 Holstege, Anne
 Hospers, Eugene H.
 Huizenga, Gordon Bernard
 Hungerink, Shirley Joyce
 Huyser, Donna Lou
 Huyser, Lloyd E.
 *Ingham, Robert Dale
 Isenring, Larrie Lee
 Jacobson, Gerald Lee
 Johnson, Richard Immanuel
 Jones, Gordon F.
 *Jordan, Carl Deforest Jr.
 *Kammeraad, Jack Warren
 Kammeraad, Kenneth Jay
 Kamp, Robert Lee
 *Kamps, George Junior
 Kanaar, Louis Kenneth
 Kempers, Kathleen Joy
 Kent, Barbara Lou
 Kilian, John Leonard
 Kinney, Esther Lorraine
 Kloote, Dave Alan
 Knopf, Roger Andrew
 Koeman, Esther Mae
 Kolkeman, Ronald Lee
 Koop, Erwin Harry
 Kruiswyk, Jeannette
 *Kuiken, Roger Neal
 Lager, Joanne Marie
 LaHuis, Hermina Mary
 Laman, Howard James
 Lambers, Howard J.
 Lampen, Laverne
 Land, Robert G.
 Landwig, Robert Frank
 †Lane, Jack F.
 Laug, Helen Louise
 Lawson, Sallie Ann
 Lee, Raymond Henry
 Leese, Evelyn Edythe
 Lell, Frances Georgette
 Lemke, Robert Ernest
 Holland, Michigan
 Holland, Michigan
 DeMotte, Indiana
 Muskegon, Michigan
 Grand Haven, Michigan
 Zeeland, Michigan
 Ontario Center, New York
 Zeeland, Michigan
 Vriesland, Michigan
 New Richmond, Michigan
 Holland, Michigan
 Ferndale, Michigan
 Milwaukee, Wisconsin
 Muskegon Heights, Michigan
 Fenton, Michigan
 Brooklyn, New York
 Fremont, Michigan
 Holland, Michigan
 Grand Haven, Michigan
 Grand Rapids, Michigan
 Zeeland, Michigan
 N. Muskegon, Michigan
 Chiapas, Mexico
 Douglass, Michigan
 Holland, Michigan
 Kalamazoo, Michigan
 Grand Rapids, Michigan
 Muskegon Heights, Michigan
 Holland, Michigan
 North Muskegon, Michigan
 Holland, Michigan
 Holland, Michigan
 Holland, Michigan
 Muskegon, Michigan
 Hudsonville, Michigan
 Holland, Michigan
 Holland, Michigan
 Zeeland, Michigan
 Grandville, Michigan
 Syracuse, New York
 Grand Rapids, Michigan
 Coopersville, Michigan
 St. Clair, Michigan
 Chicago, Illinois
 Bellerose, New York
 Jersey City, New Jersey
 Jersey City, New Jersey

- Leppink, Richard Anthony
 Libbey, Elizabeth M.
 †Lock, James
 Lubbers, Don A.
 Ludwick, Ralph Edson
 Luidens, Phyllis Ann
 †Marfia, Joseph H.
 Marion, George Leon
 *Meyer, Walter G.
 *McClure, Stanley R.
 McDowell, E. Louise
 McGill, Josephine Joy
 Medendorp, Jacquelyn
 Meeuwsen, James Wesley
 *Mestler, William Howard
 Metten, Ruth Christine
 Meyers, Harvey P.
 Miller, Donald Edgar
 Modders, Marilyn Joan
 Moerdyke, Dorothy Ann
 Moolenaar, Robert John
 Monroe, John A.
 Moran, Mary Patricia
 Mosher, Pauline Letha
 Mueller, B. Maxine
 Mulder, Maxine Lois
 Mulder, Raymond Jay
 Muller, Donald R.
 Muyskens, George Dean
 *Nash, Willis Benjamin
 Newton, John Philip
 Noordyk, Stuart Paul
 Northuis, Rodger Lee
 Noxon, Jane Elizabeth
 Nyland, Eugene Dale
 O'Donnell, William R.
 Okker, Stephen Tunis Jr.
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Roos, Helen	Denver, Colorado
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Sorling, Jacob A.	Springfield, Illinois
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*Stephens, John Rose	Holland, Michigan
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*Wojahn, Robert William	Holland, Michigan
Yeomans, Colombe L.	Holland, Michigan
Yifru, Ketema	Harrar, Ethiopia

SUMMARY

		Men	Women	Totals
Seniors	Veterans	154	2	156
	Non-Vets	73	69	142
	Totals	227	71	298
Juniors	Veterans	58	1	59
	Non-Vets	84	49	133
	Totals	142	50	192
Sophomores	Veterans	49	0	49
	Non-Vets	154	94	248
	Totals	203	94	297
Freshmen	Veterans	34	0	34
	Non-Vets	165	92	257
	Totals	199	92	291
Specials	Veterans	14	0	14
	Non-Vets	8	24	32
	Totals	22	24	46
Grand Total	Veterans	309	3	312
	Non-Vets	484	328	812
	Totals	793	331	1124

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Reformed Ch. in America	682	Protestant	5
Christian Reformed	98	Evangelical	4
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Methodist	74	Christian Science	3
Baptist	33	Berean Reformed	2
Episcopal	29	Coptic	2
Congregational	25	Nazarene	2
Roman Catholic	16	Plymouth Brethren	2
Lutheran	14	Other denominations	24
Undenominational	10		

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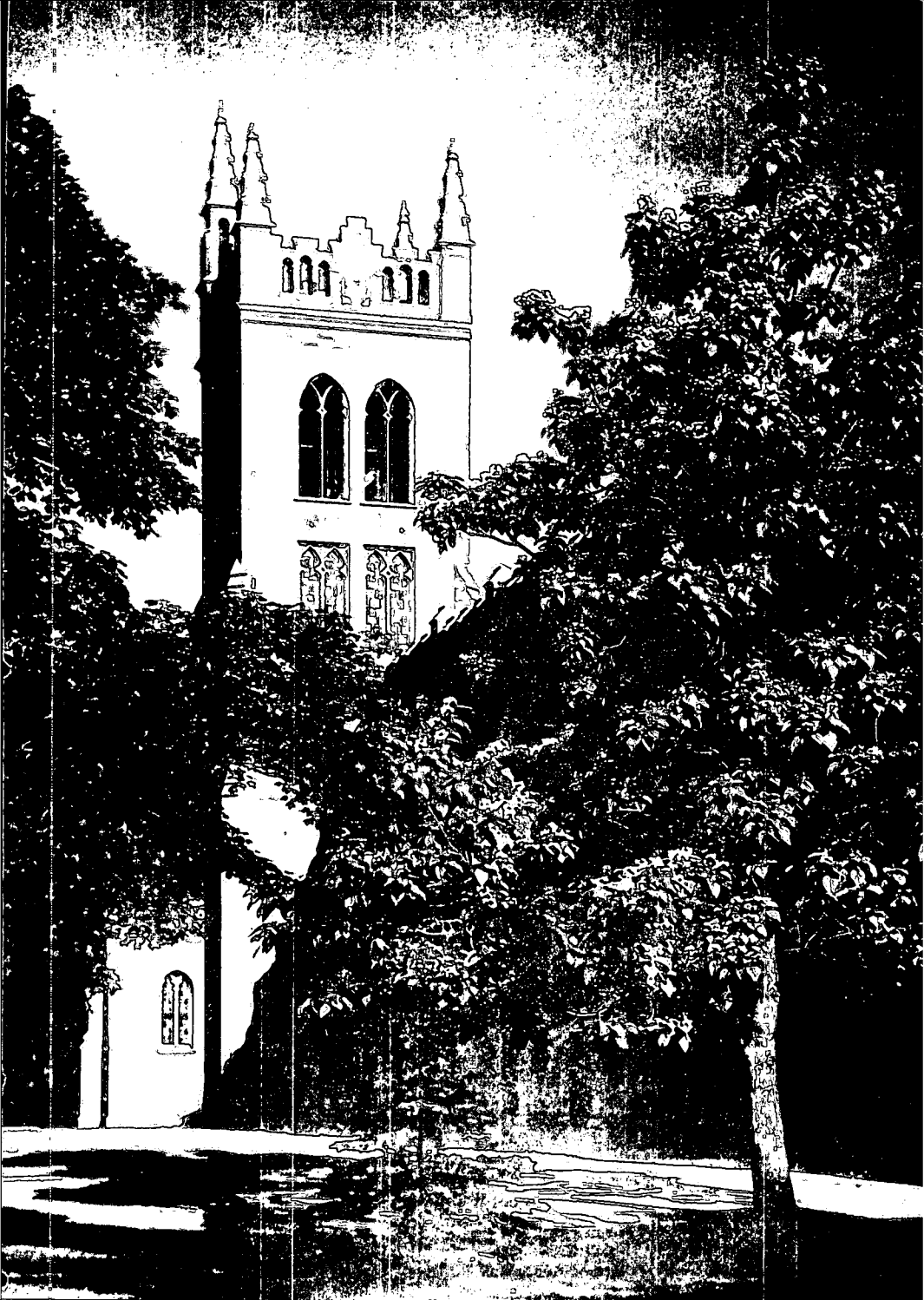
Michigan	678	Missouri	1
New York	150	Montana	1
New Jersey	94	Washington	1
Illinois	69	India	7
Wisconsin	31	Iraq	5
Ohio	11	Netherlands	5
Indiana	12	China	4
Pennsylvania	8	Mexico	2
Iowa	8	Germany	2
California	6	Ethiopia	2
Massachusetts	5	Romania	1
South Dakota	4	Virgin Islands	1
Alabama	4	Canada	1
Florida	2	Venezuela	1
Minnesota	2	Iran	1
Maryland	2	Korea	1
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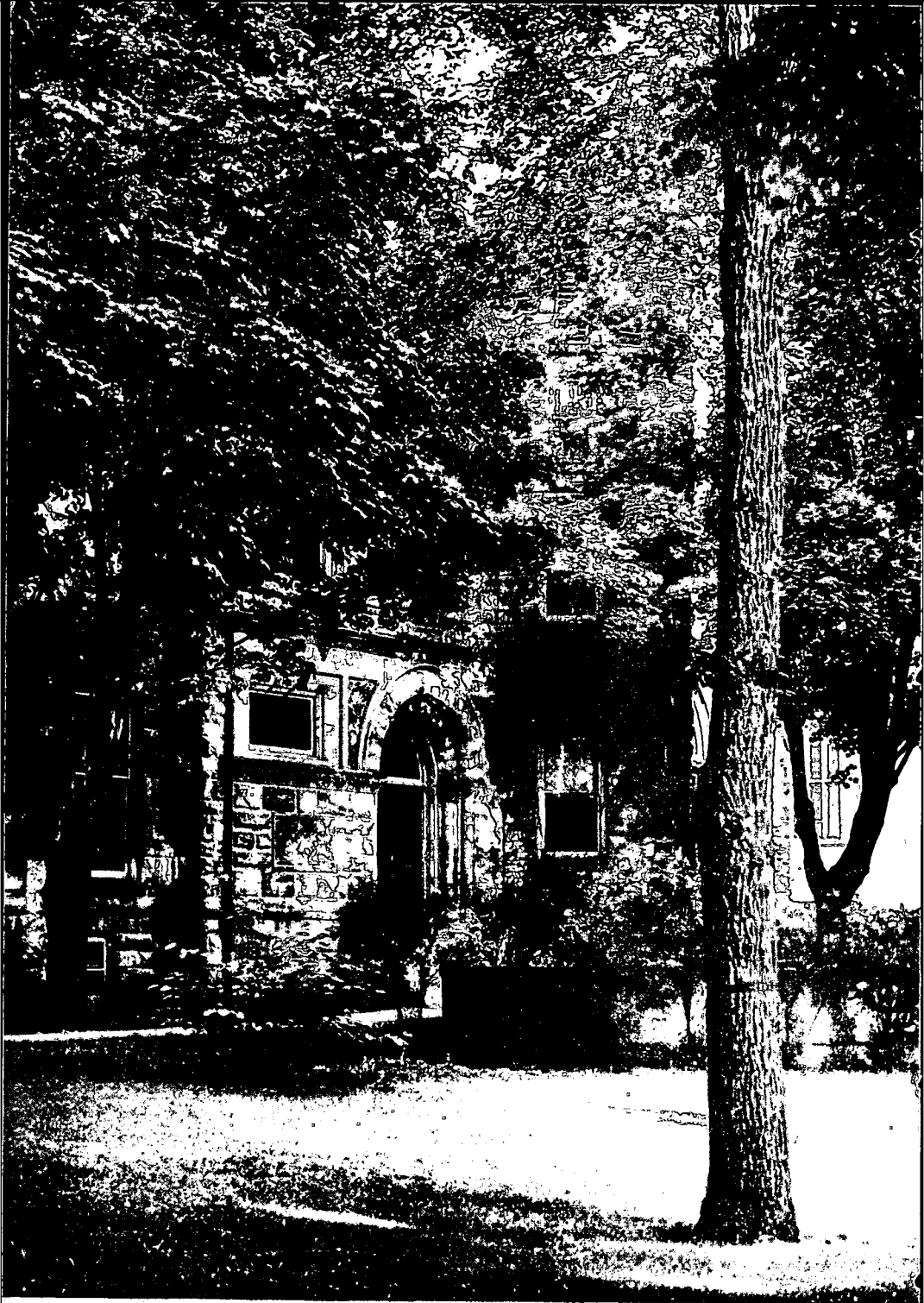
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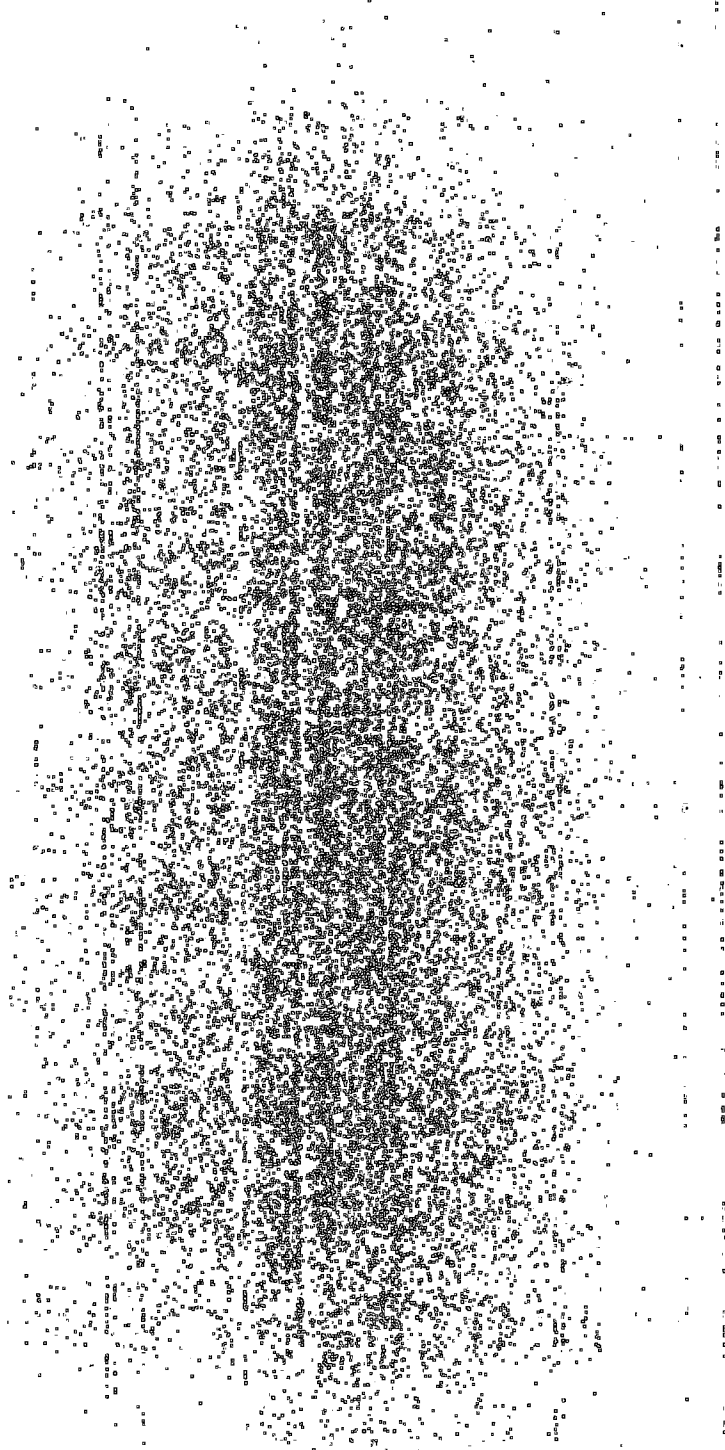
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